

## ADMINISTRATIVE ENGINEERING

Date: 12/16/2009 03:42 PM

## BID TABS

Project No : 602543

AE ID : 48419

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	Office Estimate		KODIAK CORPORATION	
				Unit Price	Amount	Unit Price	Amount
100.01	1.000	LS	SCHEDULE OF OPERATIONS-FIXED PRICE \$100,000.00	\$100,000.000	\$100,000.00	\$100,000.000	\$100,000.00
100.9	1.000	LS	PRE-CONSTN SURVEY & VIBRATION MONITORING OF HISTORIC HOUSES	\$10,000.000	\$10,000.00	\$10,000.000	\$10,000.00
102.51	62.000	EA	INDIVIDUAL TREE PROTECTION	\$225.000	\$13,950.00	\$50.000	\$3,100.00
103.	23.000	EA	TREE REMOVED - DIAMETER UNDER 600 MILLIMETERS	\$800.000	\$18,400.00	\$200.000	\$4,600.00
104.	1.000	EA	TREE REMOVED - DIAMETER 600 MILLIMETERS AND OVER	\$1,500.000	\$1,500.00	\$700.000	\$700.00
112.01	1.000	LS	DEMOLITION OF BUILDING OR STRUCTURE NO. 1	\$10,000.000	\$10,000.00	\$100.000	\$100.00
114.1	1.000	LS	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE NO. I-01-007	\$609,320.000	\$609,320.00	\$500,000.000	\$500,000.00
120.1	4200.000	CM	UNCLASSIFIED EXCAVATION	\$35.000	\$147,000.00	\$25.000	\$105,000.00
127.1	240.000	CM	REINFORCED CONCRETE EXCAVATION	\$500.000	\$120,000.00	\$350.000	\$84,000.00
140.	1555.000	CM	BRIDGE EXCAVATION	\$40.000	\$62,200.00	\$25.000	\$38,875.00
141.1	50.000	CM	TEST PIT FOR EXPLORATION	\$90.000	\$4,500.00	\$50.000	\$2,500.00
142.	50.000	CM	CLASS B TRENCH EXCAVATION	\$30.000	\$1,500.00	\$30.000	\$1,500.00
144.	166.000	CM	CLASS B ROCK EXCAVATION	\$150.000	\$24,900.00	\$1.000	\$166.00
145.	1.000	EA	DRAINAGE STRUCTURE ABANDONED	\$450.000	\$450.00	\$20.000	\$20.00
151.	1850.000	CM	GRAVEL BORROW	\$40.000	\$74,000.00	\$40.000	\$74,000.00
153.2	4753.000	CM	LIGHTWEIGHT AGGREGATE FILL	\$75.000	\$356,475.00	\$90.000	\$427,770.00

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Item No	Quantity	Units	Description	Office Estimate		KODIAK CORPORATION	
				Unit Price	Amount	Unit Price	Amount
156.	170.000	MG	CRUSHED STONE	\$42.000	\$7,140.00	\$40.000	\$6,800.00
170.	7000.000	SM	FINE GRADING AND COMPACTING	\$4.000	\$28,000.00	\$4.000	\$28,000.00
180.1	1.000	LS	HEALTH AND SAFETY PLAN	\$5,000.000	\$5,000.00	\$2,000.000	\$2,000.00
180.2	24.000	HR	IMPLEMENTATION OF HEALTH AND SAFETY PLAN	\$84.000	\$2,016.00	\$100.000	\$2,400.00
180.3	72.000	HR	PERSONNEL PROTECTION LEVEL C UPGRADE	\$12.000	\$864.00	\$50.000	\$3,600.00
180.4	40.000	CM	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS	\$57.000	\$2,280.00	\$100.000	\$4,000.00
180.5	24.000	HR	LICENSED SITE PROFESSIONAL (LSP) SERVICES	\$70.000	\$1,680.00	\$70.000	\$1,680.00
180.6	4.000	EA	MISCELLANEOUS SOIL TESTING	\$1,000.000	\$4,000.00	\$500.000	\$2,000.00
181.1	30.000	MG	DISPOSAL OF CONTAMINATED SOIL	\$75.000	\$2,250.00	\$100.000	\$3,000.00
184.1	5.000	MG	DISPOSAL OF TREATED WOOD PRODUCTS	\$250.000	\$1,250.00	\$50.000	\$250.00
187.3	15.000	CM	REMOVAL AND DISPOSAL OF DRAINAGE STRUCTURE SEDIMENTS	\$250.000	\$3,750.00	\$140.000	\$2,100.00
187.31	10.000	M	REMOVAL AND DISPOSAL OF DRAINAGE PIPE SEDIMENTS	\$35.000	\$350.00	\$60.000	\$600.00
201.	14.000	EA	CATCH BASIN	\$2,600.000	\$36,400.00	\$1,800.000	\$25,200.00
202.	10.000	EA	MANHOLE	\$2,700.000	\$27,000.00	\$1,800.000	\$18,000.00
204.	1.000	EA	GUTTER INLET	\$1,500.000	\$1,500.00	\$900.000	\$900.00
220.	8.000	EA	DRAINAGE STRUCTURE ADJUSTED	\$300.000	\$2,400.00	\$200.000	\$1,600.00

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Item No	Quantity	Units	Description	Office Estimate		KODIAK CORPORATION	
				Unit Price	Amount	Unit Price	Amount
220.2	3.000	M	DRAINAGE STRUCTURE REBUILT	\$800.000	\$2,400.00	\$200.000	\$600.00
220.3	4.000	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$700.000	\$2,800.00	\$500.000	\$2,000.00
220.5	3.000	EA	DRAINAGE STRUCTURE REMODELED	\$650.000	\$1,950.00	\$300.000	\$900.00
220.7	6.000	EA	SANITARY STRUCTURE ADJUSTED	\$400.000	\$2,400.00	\$200.000	\$1,200.00
220.8	1.000	EA	SANITARY STRUCTURE REMODELED	\$650.000	\$650.00	\$800.000	\$800.00
221.	11.000	EA	FRAME AND COVER	\$650.000	\$7,150.00	\$500.000	\$5,500.00
222.	2.000	EA	FRAME AND GRATE	\$700.000	\$1,400.00	\$550.000	\$1,100.00
222.1	10.000	EA	FRAME AND GRATE MHD CASCADE TYPE	\$750.000	\$7,500.00	\$620.000	\$6,200.00
241.030	200.000	M	300 MM REINFORCED CONCRETE PIPE	\$200.000	\$40,000.00	\$150.000	\$30,000.00
358.	5.000	EA	GATE BOX ADJUSTED	\$150.000	\$750.00	\$100.000	\$500.00
381.3	5.000	EA	SERVICE BOX ADJUSTED	\$120.000	\$600.00	\$100.000	\$500.00
402.	540.000	CM	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$75.000	\$40,500.00	\$80.000	\$43,200.00
420.	1160.000	MG	HOT MIX ASPHALT BASE COURSE	\$120.000	\$139,200.00	\$75.000	\$87,000.00
440.	10000.000	KG	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$1.000	\$10,000.00	\$0.010	\$100.00
460.	1233.000	MG	HOT MIX ASPHALT	\$120.000	\$147,960.00	\$75.000	\$92,475.00
462.	73.000	MG	HOT MIX ASPHALT DENSE BINDER COURSE FOR BRIDGES	\$150.000	\$10,950.00	\$75.000	\$5,475.00

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Item No	Quantity	Units	Description	Office Estimate		KODIAK CORPORATION	
				Unit Price	Amount	Unit Price	Amount
464.	2250.000	L	BITUMEN FOR TACK COAT	\$2.500	\$5,625.00	\$1.000	\$2,250.00
464.5	1600.000	M	HOT POURED RUBBERIZED ASPHALT SEALER	\$4.000	\$6,400.00	\$2.000	\$3,200.00
472.	120.000	MG	HOT MIX ASPHALT FOR MISCELLANEOUS WORK	\$200.000	\$24,000.00	\$150.000	\$18,000.00
482.3	150.000	M	SAWING ASPHALT PAVEMENT	\$9.000	\$1,350.00	\$10.000	\$1,500.00
506.	450.000	M	GRANITE CURB TYPE VB - STRAIGHT	\$110.000	\$49,500.00	\$80.000	\$36,000.00
506.1	120.000	M	GRANITE CURB TYPE VB - CURVED	\$130.000	\$15,600.00	\$90.000	\$10,800.00
509.	80.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$130.000	\$10,400.00	\$100.000	\$8,000.00
509.1	40.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	\$150.000	\$6,000.00	\$120.000	\$4,800.00
514.	9.000	EA	GRANITE CURB INLET - STRAIGHT	\$325.000	\$2,925.00	\$200.000	\$1,800.00
580.	250.000	M	CURB REMOVED AND RESET	\$75.000	\$18,750.00	\$70.000	\$17,500.00
583.	5.000	M	EDGING REMOVED AND RESET	\$60.000	\$300.00	\$60.000	\$300.00
620.1	50.000	M	STEEL W BEAM HIGHWAY GUARD (SINGLE FACED)	\$90.000	\$4,500.00	\$80.000	\$4,000.00
620.3	25.000	M	STEEL W BEAM HIGHWAY GUARD - CURVED (SINGLE FACED)	\$100.000	\$2,500.00	\$85.000	\$2,125.00
627.1	4.000	EA	STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	\$75.000	\$300.00	\$45.000	\$180.00
627.3	2.000	EA	STEEL THRIE BEAM TERMINAL SECTION (SINGLE FACED)	\$75.000	\$150.00	\$100.000	\$200.00
628.2	4.000	EA	BRIDGE RAIL TO HIGHWAY GUARD RAIL TRANSITION	\$2,800.000	\$11,200.00	\$2,500.000	\$10,000.00

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Item No	Quantity	Units	Description	Office Estimate		KODIAK CORPORATION	
				Unit Price	Amount	Unit Price	Amount
635.1	325.000	M	HIGHWAY GUARD REMOVED AND DISCARDED	\$12.000	\$3,900.00	\$8.000	\$2,600.00
657.	550.000	M	TEMPORARY FENCE	\$45.000	\$24,750.00	\$25.000	\$13,750.00
657.5	300.000	M	TEMPORARY FENCE REMOVED AND RESET	\$35.000	\$10,500.00	\$8.000	\$2,400.00
660.1	40.000	M	TEMPORARY HAND RAIL	\$800.000	\$32,000.00	\$40.000	\$1,600.00
698.3	2950.000	SM	GEOTEXTILE FABRIC FOR SEPARATION	\$6.000	\$17,700.00	\$2.000	\$5,900.00
701.	1288.000	SM	CEMENT CONCRETE SIDEWALK	\$65.000	\$83,720.00	\$35.000	\$45,080.00
701.1	152.000	SM	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	\$70.000	\$10,640.00	\$40.000	\$6,080.00
701.11	1.000	LS	HISTORIC STONE WALL AND GARDEN PRESERVATION	\$5,000.000	\$5,000.00	\$5,000.000	\$5,000.00
701.2	115.000	SM	CEMENT CONCRETE WHEELCHAIR RAMP	\$100.000	\$11,500.00	\$60.000	\$6,900.00
702.	25.000	MG	HOT MIX ASPHALT WALK SURFACE	\$200.000	\$5,000.00	\$130.000	\$3,250.00
703.	50.000	MG	HOT MIX ASPHALT DRIVEWAY	\$180.000	\$9,000.00	\$130.000	\$6,500.00
706.1	10.000	SM	BRICK WALK REMOVED AND RELAID	\$350.000	\$3,500.00	\$100.000	\$1,000.00
710.4	14.000	EA	BOUND - PLAIN GRANITE	\$400.000	\$5,600.00	\$100.000	\$1,400.00
740.	45.000	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,000.000	\$135,000.00	\$900.000	\$40,500.00
748.	1.000	LS	MOBILIZATION	\$143,390.000	\$143,390.00	\$230,000.000	\$230,000.00
751.	105.000	CM	LOAM BORROW	\$55.000	\$5,775.00	\$60.000	\$6,300.00

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Item No	Quantity	Units	Description	Office Estimate		KODIAK CORPORATION	
				Unit Price	Amount	Unit Price	Amount
765.	990.000	SM	SEEDING	\$2.000	\$1,980.00	\$3.000	\$2,970.00
767.6	1.000	CM	AGED PINE BARK MULCH	\$60.000	\$60.00	\$120.000	\$120.00
767.8	100.000	EA	BALES OF HAY FOR EROSION CONTROL	\$14.000	\$1,400.00	\$8.000	\$800.00
769.	105.000	M	PAVEMENT MILLING MULCH UNDER GUARD RAIL	\$28.000	\$2,940.00	\$4.000	\$420.00
773.037	33.000	EA	PINE - AUSTRIAN 1.73-2.44 METERS	\$350.000	\$11,550.00	\$250.000	\$8,250.00
774.038	5.000	EA	SPRUCE - COLORADO GREEN 1.73-2.44 METERS	\$375.000	\$1,875.00	\$250.000	\$1,250.00
775.028	3.000	EA	ELM - AMERICAN 'PRINCETON' 50-60 MM CAL.	\$500.000	\$1,500.00	\$350.000	\$1,050.00
776.841	11.000	EA	MAPLE - SUGAR - 'GREEN MOUNTAIN' 50-60 MILLIMETER CALIPER	\$500.000	\$5,500.00	\$250.000	\$2,750.00
777.036	15.000	EA	OAK - NORTHERN RED 50-60 MILLIMETER CALIPER	\$500.000	\$7,500.00	\$275.000	\$4,125.00
777.241	9.000	EA	OAK - SCARLET 50-60 MILLIMETER CALIPER	\$500.000	\$4,500.00	\$275.000	\$2,475.00
781.173	7.000	EA	HACKBERRY TREE 50-60 MILLIMETER CALIPER	\$400.000	\$2,800.00	\$320.000	\$2,240.00
781.268	7.000	EA	HAWTHORN-'WINTER KING' 1.73-2.44 M HT	\$400.000	\$2,800.00	\$140.000	\$980.00
782.535	6.000	EA	EASTERN REDBUD 1.73-2.44 METERS	\$400.000	\$2,400.00	\$200.000	\$1,200.00
783.509	18.000	EA	SERVICEBERRY 'AUTUMN BRILLIANCE' 40-50 MILLIMETER CALIPER	\$350.000	\$6,300.00	\$375.000	\$6,750.00
785.736	22.000	EA	INKBERRY 610-760 MILLIMETERS	\$50.000	\$1,100.00	\$50.000	\$1,100.00

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Item No	Quantity	Units	Description	Office Estimate		KODIAK CORPORATION	
				Unit Price	Amount	Unit Price	Amount
789.333	17.000	EA	BAYBERRY SHRUB - NORTHERN 610-900 MILLIMETERS	\$50.000	\$850.00	\$40.000	\$680.00
790.633	19.000	EA	DOGWOOD - REDOSIER 610-900 MILLIMETERS	\$50.000	\$950.00	\$35.000	\$665.00
791.016	9.000	EA	VIBURNUM - BLACKHAW NO. 3	\$50.000	\$450.00	\$35.000	\$315.00
791.066	23.000	EA	EASTERN NINEBARK 610-760 MILLIMETERS	\$40.000	\$920.00	\$40.000	\$920.00
792.022	6.000	EA	HYDRANGAEA-OAKLEAF NO. 2	\$50.000	\$300.00	\$35.000	\$210.00
795.013	17.000	EA	VIBURNUM - ARROWWOOD 900 MM-1.22 METERS	\$50.000	\$850.00	\$60.000	\$1,020.00
795.033	8.000	EA	VIBURNUM - DOUBLEFILE 900 MM-1.22 METERS	\$60.000	\$480.00	\$90.000	\$720.00
796.071	12.000	EA	VIRGINIA CREEPER NO. 1	\$25.000	\$300.00	\$25.000	\$300.00
820.151	1.000	LS	TEMPORARY LIGHTING	\$40,000.000	\$40,000.00	\$12,000.000	\$12,000.00
832.1	15.000	SM	WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	\$110.000	\$1,650.00	\$95.000	\$1,425.00
833.5	11.000	EA	DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	\$7.000	\$77.00	\$5.000	\$55.00
833.7	6.000	EA	DELINEATION FOR GUARD RAIL TERMINI	\$35.000	\$210.00	\$30.000	\$180.00
847.1	24.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$100.000	\$2,400.00	\$75.000	\$1,800.00
848.1	2.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL	\$200.000	\$400.00	\$150.000	\$300.00
850.41	3200.000	HR	ROADWAY FLAGGER	\$45.000	\$144,000.00	\$43.000	\$137,600.00
851.	400.000	UD	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS	\$180.000	\$72,000.00	\$20.000	\$8,000.00

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852.	30.000	SM	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$180.000	\$5,400.00	\$250.000	\$7,500.00
853.	150.000	EA	PORTABLE BARRICADE TYPE III	\$8.000	\$1,200.00	\$0.010	\$1.50
853.2	200.000	M	TEMPORARY CONCRETE BARRIER	\$185.000	\$37,000.00	\$100.000	\$20,000.00
853.21	180.000	M	TEMPORARY CONCRETE BARRIER REMOVED & RESET	\$35.000	\$6,300.00	\$40.000	\$7,200.00
853.36	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE (SINGLE FACED)	\$400.000	\$72,000.00	\$330.000	\$59,400.00
853.37	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE REMOVED & RESET	\$125.000	\$22,500.00	\$100.000	\$18,000.00
853.42	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION	\$6,500.000	\$13,000.00	\$4,500.000	\$9,000.00
853.421	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION R&R	\$1,500.000	\$3,000.00	\$1,000.000	\$2,000.00
853.44	2.000	EA	TEMP.IMP.ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION	\$4,000.000	\$8,000.00	\$4,000.000	\$8,000.00
854.014	2500.000	M	TEMPORARY PAVING MARKINGS - 100 MILLIMETER (PAINTED)	\$1.000	\$2,500.00	\$0.400	\$1,000.00
854.034	500.000	M	TEMPORARY PAVEMENT MARKINGS - 100 MM (REMOVABLE TAPE)	\$2.000	\$1,000.00	\$2.000	\$1,000.00
854.1	160.000	SM	PAVEMENT MARKING REMOVAL - PAINT	\$1.000	\$160.00	\$6.000	\$960.00
859.	25000.000	DD	REFLECTORIZED DRUM	\$0.500	\$12,500.00	\$0.010	\$250.00
866.15	750.000	M	150 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$3.000	\$2,250.00	\$1.000	\$750.00
866.30	120.000	M	300 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$5.000	\$600.00	\$4.000	\$480.00
867.15	700.000	M	150 MILLIMETER REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$3.000	\$2,100.00	\$1.000	\$700.00



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874.	6.000	EA	STREET NAME SIGN	\$80.000	\$480.00	\$50.000	\$300.00
874.2	5.000	EA	TRAFFIC SIGN REMOVED AND RESET	\$100.000	\$500.00	\$50.000	\$250.00
874.4	28.000	EA	TRAFFIC SIGN REMOVED AND STACKED	\$25.000	\$700.00	\$20.000	\$560.00
942.122	1500.000	M	STEEL PILE HP 310 X 94	\$400.000	\$600,000.00	\$230.000	\$345,000.00
945.103	260.000	M	DRILLED SHAFT EXCAVATION 1.22 METER DIAMETER	\$2,250.000	\$585,000.00	\$850.000	\$221,000.00
945.203	22.000	M	ROCK SOCKET EXCAVATION 1.22 METER DIAMETER	\$5,000.000	\$110,000.00	\$7,000.000	\$154,000.00
945.503	260.000	M	DRILLED SHAFT 1.22 METER DIAMETER	\$2,000.000	\$520,000.00	\$1,000.000	\$260,000.00
945.71	1115.000	M	CROSS HOLE SONIC TESTING ACCESS PIPES	\$20.000	\$22,300.00	\$30.000	\$33,450.00
945.72	14.000	EA	CROSS HOLE SONIC TEST	\$850.000	\$11,900.00	\$600.000	\$8,400.00
948.5	70.000	EA	PILE SHOES	\$148.500	\$10,395.00	\$100.000	\$7,000.00
949.	315.000	M	PREDRILLING FOR PILES	\$500.000	\$157,500.00	\$20.000	\$6,300.00
950.3	1.000	LS	TEMPORARY STEEL SHEETING	\$70,000.000	\$70,000.00	\$60,000.000	\$60,000.00
987.3	320.000	SM	SPECIAL SLOPE PAVING UNDER BRIDGE - CEMENT CONCRETE	\$160.000	\$51,200.00	\$120.000	\$38,400.00
993.21	1.000	LS	TEMPORARY PEDESTRIAN BRIDGE	\$205,625.000	\$205,625.00	\$250,000.000	\$250,000.00
994.01	1.000	LS	TEMPORARY PROTECTIVE SHIELDING BRIDGE NO. I-01-007	\$25,000.000	\$25,000.00	\$10,000.000	\$10,000.00

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## BID TABS

Project No : 602543

AE ID : 48419

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &  
B&M RAILROAD (ABP)

Item No	Quantity	Units	Description	Office Estimate		KODIAK CORPORATION	
				Unit Price	Amount	Unit Price	Amount
995.01	1.000	LS	BRIDGE STRUCTURE, BRIDGE NO. I-01-007	\$2,614,785.000	\$2,614,785.00	\$3,818,300.000	\$3,818,300.00
				Total :	\$8,257,697.00	Total :	\$7,782,797.50

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Item No	Quantity	Units	Description	NORTHERN CONSTRUCTION SERVICES		MIG CORPORATION, INC	
				Unit Price	Amount	Unit Price	Amount
100.01	1.000	LS	SCHEDULE OF OPERATIONS-FIXED PRICE \$100,000.00	\$100,000.000	\$100,000.00	\$100,000.000	\$100,000.00
100.9	1.000	LS	PRE-CONSTN SURVEY & VIBRATION MONITORING OF HISTORIC HOUSES	\$20,000.000	\$20,000.00	\$18,000.000	\$18,000.00
102.51	62.000	EA	INDIVIDUAL TREE PROTECTION	\$200.000	\$12,400.00	\$30.000	\$1,860.00
103.	23.000	EA	TREE REMOVED - DIAMETER UNDER 600 MILLIMETERS	\$625.000	\$14,375.00	\$880.000	\$20,240.00
104.	1.000	EA	TREE REMOVED - DIAMETER 600 MILLIMETERS AND OVER	\$1,500.000	\$1,500.00	\$1,800.000	\$1,800.00
112.01	1.000	LS	DEMOLITION OF BUILDING OR STRUCTURE NO. 1	\$2,500.000	\$2,500.00	\$25,000.000	\$25,000.00
114.1	1.000	LS	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE NO. I-01-007	\$400,000.000	\$400,000.00	\$600,000.000	\$600,000.00
120.1	4200.000	CM	UNCLASSIFIED EXCAVATION	\$18.000	\$75,600.00	\$15.000	\$63,000.00
127.1	240.000	CM	REINFORCED CONCRETE EXCAVATION	\$365.000	\$87,600.00	\$375.000	\$90,000.00
140.	1555.000	CM	BRIDGE EXCAVATION	\$28.000	\$43,540.00	\$20.000	\$31,100.00
141.1	50.000	CM	TEST PIT FOR EXPLORATION	\$75.000	\$3,750.00	\$20.000	\$1,000.00
142.	50.000	CM	CLASS B TRENCH EXCAVATION	\$35.000	\$1,750.00	\$20.000	\$1,000.00
144.	166.000	CM	CLASS B ROCK EXCAVATION	\$100.000	\$16,600.00	\$120.000	\$19,920.00
145.	1.000	EA	DRAINAGE STRUCTURE ABANDONED	\$500.000	\$500.00	\$220.000	\$220.00
151.	1850.000	CM	GRAVEL BORROW	\$38.000	\$70,300.00	\$45.000	\$83,250.00
153.2	4753.000	CM	LIGHTWEIGHT AGGREGATE FILL	\$75.000	\$356,475.00	\$88.000	\$418,264.00

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	NORTHERN CONSTRUCTION SERVICES		MIG CORPORATION, INC	
				Unit Price	Amount	Unit Price	Amount
156.	170.000	MG	CRUSHED STONE	\$37.000	\$6,290.00	\$55.000	\$9,350.00
170.	7000.000	SM	FINE GRADING AND COMPACTING	\$2.000	\$14,000.00	\$2.500	\$17,500.00
180.1	1.000	LS	HEALTH AND SAFETY PLAN	\$3,000.000	\$3,000.00	\$3,500.000	\$3,500.00
180.2	24.000	HR	IMPLEMENTATION OF HEALTH AND SAFETY PLAN	\$85.000	\$2,040.00	\$55.000	\$1,320.00
180.3	72.000	HR	PERSONNEL PROTECTION LEVEL C UPGRADE	\$5.000	\$360.00	\$1.000	\$72.00
180.4	40.000	CM	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS	\$75.000	\$3,000.00	\$25.000	\$1,000.00
180.5	24.000	HR	LICENSED SITE PROFESSIONAL (LSP) SERVICES	\$90.000	\$2,160.00	\$85.000	\$2,040.00
180.6	4.000	EA	MISCELLANEOUS SOIL TESTING	\$2,000.000	\$8,000.00	\$2,300.000	\$9,200.00
181.1	30.000	MG	DISPOSAL OF CONTAMINATED SOIL	\$100.000	\$3,000.00	\$60.000	\$1,800.00
184.1	5.000	MG	DISPOSAL OF TREATED WOOD PRODUCTS	\$250.000	\$1,250.00	\$120.000	\$600.00
187.3	15.000	CM	REMOVAL AND DISPOSAL OF DRAINAGE STRUCTURE SEDIMENTS	\$200.000	\$3,000.00	\$155.000	\$2,325.00
187.31	10.000	M	REMOVAL AND DISPOSAL OF DRAINAGE PIPE SEDIMENTS	\$65.000	\$650.00	\$100.000	\$1,000.00
201.	14.000	EA	CATCH BASIN	\$2,200.000	\$30,800.00	\$1,700.000	\$23,800.00
202.	10.000	EA	MANHOLE	\$2,000.000	\$20,000.00	\$2,200.000	\$22,000.00
204.	1.000	EA	GUTTER INLET	\$2,700.000	\$2,700.00	\$800.000	\$800.00
220.	8.000	EA	DRAINAGE STRUCTURE ADJUSTED	\$280.000	\$2,240.00	\$385.000	\$3,080.00

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Item No	Quantity	Units	Description	NORTHERN CONSTRUCTION SERVICES		MIG CORPORATION, INC	
				Unit Price	Amount	Unit Price	Amount
220.2	3.000	M	DRAINAGE STRUCTURE REBUILT	\$1,000.000	\$3,000.00	\$1,000.000	\$3,000.00
220.3	4.000	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$1,100.000	\$4,400.00	\$650.000	\$2,600.00
220.5	3.000	EA	DRAINAGE STRUCTURE REMODELED	\$1,000.000	\$3,000.00	\$580.000	\$1,740.00
220.7	6.000	EA	SANITARY STRUCTURE ADJUSTED	\$300.000	\$1,800.00	\$385.000	\$2,310.00
220.8	1.000	EA	SANITARY STRUCTURE REMODELED	\$1,000.000	\$1,000.00	\$600.000	\$600.00
221.	11.000	EA	FRAME AND COVER	\$525.000	\$5,775.00	\$660.000	\$7,260.00
222.	2.000	EA	FRAME AND GRATE	\$700.000	\$1,400.00	\$700.000	\$1,400.00
222.1	10.000	EA	FRAME AND GRATE MHD CASCADE TYPE	\$750.000	\$7,500.00	\$800.000	\$8,000.00
241.030	200.000	M	300 MM REINFORCED CONCRETE PIPE	\$125.000	\$25,000.00	\$100.000	\$20,000.00
358.	5.000	EA	GATE BOX ADJUSTED	\$140.000	\$700.00	\$65.000	\$325.00
381.3	5.000	EA	SERVICE BOX ADJUSTED	\$140.000	\$700.00	\$60.000	\$300.00
402.	540.000	CM	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$55.000	\$29,700.00	\$80.000	\$43,200.00
420.	1160.000	MG	HOT MIX ASPHALT BASE COURSE	\$85.000	\$98,600.00	\$90.000	\$104,400.00
440.	10000.000	KG	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.010	\$100.00	\$0.500	\$5,000.00
460.	1233.000	MG	HOT MIX ASPHALT	\$85.000	\$104,805.00	\$88.000	\$108,504.00
462.	73.000	MG	HOT MIX ASPHALT DENSE BINDER COURSE FOR BRIDGES	\$85.000	\$6,205.00	\$130.000	\$9,490.00

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Item No	Quantity	Units	Description	NORTHERN CONSTRUCTION SERVICES		MIG CORPORATION, INC	
				Unit Price	Amount	Unit Price	Amount
464.	2250.000	L	BITUMEN FOR TACK COAT	\$1.500	\$3,375.00	\$1.000	\$2,250.00
464.5	1600.000	M	HOT POURED RUBBERIZED ASPHALT SEALER	\$2.500	\$4,000.00	\$2.000	\$3,200.00
472.	120.000	MG	HOT MIX ASPHALT FOR MISCELLANEOUS WORK	\$140.000	\$16,800.00	\$190.000	\$22,800.00
482.3	150.000	M	SAWING ASPHALT PAVEMENT	\$10.000	\$1,500.00	\$9.000	\$1,350.00
506.	450.000	M	GRANITE CURB TYPE VB - STRAIGHT	\$100.000	\$45,000.00	\$100.000	\$45,000.00
506.1	120.000	M	GRANITE CURB TYPE VB - CURVED	\$120.000	\$14,400.00	\$125.000	\$15,000.00
509.	80.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$150.000	\$12,000.00	\$125.000	\$10,000.00
509.1	40.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	\$175.000	\$7,000.00	\$170.000	\$6,800.00
514.	9.000	EA	GRANITE CURB INLET - STRAIGHT	\$315.000	\$2,835.00	\$275.000	\$2,475.00
580.	250.000	M	CURB REMOVED AND RESET	\$60.000	\$15,000.00	\$80.000	\$20,000.00
583.	5.000	M	EDGING REMOVED AND RESET	\$70.000	\$350.00	\$80.000	\$400.00
620.1	50.000	M	STEEL W BEAM HIGHWAY GUARD (SINGLE FACED)	\$85.000	\$4,250.00	\$88.000	\$4,400.00
620.3	25.000	M	STEEL W BEAM HIGHWAY GUARD - CURVED (SINGLE FACED)	\$90.000	\$2,250.00	\$88.000	\$2,200.00
627.1	4.000	EA	STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	\$50.000	\$200.00	\$45.000	\$180.00
627.3	2.000	EA	STEEL THRIE BEAM TERMINAL SECTION (SINGLE FACED)	\$110.000	\$220.00	\$60.000	\$120.00
628.2	4.000	EA	BRIDGE RAIL TO HIGHWAY GUARD RAIL TRANSITION	\$2,600.000	\$10,400.00	\$3,000.000	\$12,000.00

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Item No	Quantity	Units	Description	NORTHERN CONSTRUCTION SERVICES		MIG CORPORATION, INC	
				Unit Price	Amount	Unit Price	Amount
635.1	325.000	M	HIGHWAY GUARD REMOVED AND DISCARDED	\$8.500	\$2,762.50	\$4.000	\$1,300.00
657.	550.000	M	TEMPORARY FENCE	\$27.000	\$14,850.00	\$26.000	\$14,300.00
657.5	300.000	M	TEMPORARY FENCE REMOVED AND RESET	\$25.000	\$7,500.00	\$30.000	\$9,000.00
660.1	40.000	M	TEMPORARY HAND RAIL	\$500.000	\$20,000.00	\$60.000	\$2,400.00
698.3	2950.000	SM	GEOTEXTILE FABRIC FOR SEPARATION	\$5.000	\$14,750.00	\$3.000	\$8,850.00
701.	1288.000	SM	CEMENT CONCRETE SIDEWALK	\$65.000	\$83,720.00	\$75.000	\$96,600.00
701.1	152.000	SM	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	\$75.000	\$11,400.00	\$90.000	\$13,680.00
701.11	1.000	LS	HISTORIC STONE WALL AND GARDEN PRESERVATION	\$15,000.000	\$15,000.00	\$15,000.000	\$15,000.00
701.2	115.000	SM	CEMENT CONCRETE WHEELCHAIR RAMP	\$110.000	\$12,650.00	\$115.000	\$13,225.00
702.	25.000	MG	HOT MIX ASPHALT WALK SURFACE	\$140.000	\$3,500.00	\$130.000	\$3,250.00
703.	50.000	MG	HOT MIX ASPHALT DRIVEWAY	\$140.000	\$7,000.00	\$130.000	\$6,500.00
706.1	10.000	SM	BRICK WALK REMOVED AND RELAID	\$265.000	\$2,650.00	\$180.000	\$1,800.00
710.4	14.000	EA	BOUND - PLAIN GRANITE	\$350.000	\$4,900.00	\$300.000	\$4,200.00
740.	45.000	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$1,800.000	\$81,000.00	\$1,250.000	\$56,250.00
748.	1.000	LS	MOBILIZATION	\$240,000.000	\$240,000.00	\$230,000.000	\$230,000.00
751.	105.000	CM	LOAM BORROW	\$50.000	\$5,250.00	\$60.000	\$6,300.00

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Item No	Quantity	Units	Description	NORTHERN CONSTRUCTION SERVICES		MIG CORPORATION, INC	
				Unit Price	Amount	Unit Price	Amount
765.	990.000	SM	SEEDING	\$1.000	\$990.00	\$1.600	\$1,584.00
767.6	1.000	CM	AGED PINE BARK MULCH	\$70.000	\$70.00	\$68.000	\$68.00
767.8	100.000	EA	BALES OF HAY FOR EROSION CONTROL	\$10.000	\$1,000.00	\$15.000	\$1,500.00
769.	105.000	M	PAVEMENT MILLING MULCH UNDER GUARD RAIL	\$23.000	\$2,415.00	\$40.000	\$4,200.00
773.037	33.000	EA	PINE - AUSTRIAN 1.73-2.44 METERS	\$300.000	\$9,900.00	\$330.000	\$10,890.00
774.038	5.000	EA	SPRUCE - COLORADO GREEN 1.73-2.44 METERS	\$325.000	\$1,625.00	\$380.000	\$1,900.00
775.028	3.000	EA	ELM - AMERICAN 'PRINCETON' 50-60 MM CAL.	\$400.000	\$1,200.00	\$450.000	\$1,350.00
776.841	11.000	EA	MAPLE - SUGAR - 'GREEN MOUNTAIN' 50-60 MILLIMETER CALIPER	\$350.000	\$3,850.00	\$420.000	\$4,620.00
777.036	15.000	EA	OAK - NORTHERN RED 50-60 MILLIMETER CALIPER	\$400.000	\$6,000.00	\$450.000	\$6,750.00
777.241	9.000	EA	OAK - SCARLET 50-60 MILLIMETER CALIPER	\$400.000	\$3,600.00	\$450.000	\$4,050.00
781.173	7.000	EA	HACKBERRY TREE 50-60 MILLIMETER CALIPER	\$400.000	\$2,800.00	\$450.000	\$3,150.00
781.268	7.000	EA	HAWTHORN-'WINTER KING' 1.73-2.44 M HT	\$250.000	\$1,750.00	\$300.000	\$2,100.00
782.535	6.000	EA	EASTERN REDBUD 1.73-2.44 METERS	\$200.000	\$1,200.00	\$200.000	\$1,200.00
783.509	18.000	EA	SERVICEBERRY 'AUTUMN BRILLIANCE' 40-50 MILLIMETER CALIPER	\$330.000	\$5,940.00	\$375.000	\$6,750.00
785.736	22.000	EA	INKBERRY 610-760 MILLIMETERS	\$50.000	\$1,100.00	\$55.000	\$1,210.00



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Item No	Quantity	Units	Description	NORTHERN CONSTRUCTION SERVICES		MIG CORPORATION, INC	
				Unit Price	Amount	Unit Price	Amount
789.333	17.000	EA	BAYBERRY SHRUB - NORTHERN 610-900 MILLIMETERS	\$50.000	\$850.00	\$55.000	\$935.00
790.633	19.000	EA	DOGWOOD - REDOSIER 610-900 MILLIMETERS	\$30.000	\$570.00	\$35.000	\$665.00
791.016	9.000	EA	VIBURNUM - BLACKHAW NO. 3	\$40.000	\$360.00	\$45.000	\$405.00
791.066	23.000	EA	EASTERN NINEBARK 610-760 MILLIMETERS	\$40.000	\$920.00	\$50.000	\$1,150.00
792.022	6.000	EA	HYDRANGEA-OAKLEAF NO. 2	\$35.000	\$210.00	\$40.000	\$240.00
795.013	17.000	EA	VIBURNUM - ARROWWOOD 900 MM-1.22 METERS	\$60.000	\$1,020.00	\$68.000	\$1,156.00
795.033	8.000	EA	VIBURNUM - DOUBLEFILE 900 MM-1.22 METERS	\$70.000	\$560.00	\$78.000	\$624.00
796.071	12.000	EA	VIRGINIA CREEPER NO. 1	\$15.000	\$180.00	\$18.000	\$216.00
820.151	1.000	LS	TEMPORARY LIGHTING	\$60,000.000	\$60,000.00	\$60,000.000	\$60,000.00
832.1	15.000	SM	WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	\$100.000	\$1,500.00	\$92.000	\$1,380.00
833.5	11.000	EA	DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	\$5.000	\$55.00	\$6.000	\$66.00
833.7	6.000	EA	DELINEATION FOR GUARD RAIL TERMINI	\$35.000	\$210.00	\$35.000	\$210.00
847.1	24.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$80.000	\$1,920.00	\$82.000	\$1,968.00
848.1	2.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL	\$160.000	\$320.00	\$165.000	\$330.00
850.41	3200.000	HR	ROADWAY FLAGGER	\$45.000	\$144,000.00	\$1.000	\$3,200.00
851.	400.000	UD	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS	\$60.000	\$24,000.00	\$1.000	\$400.00

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Item No	Quantity	Units	Description	NORTHERN CONSTRUCTION SERVICES		MIG CORPORATION, INC	
				Unit Price	Amount	Unit Price	Amount
852.	30.000	SM	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$135.000	\$4,050.00	\$250.000	\$7,500.00
853.	150.000	EA	PORTABLE BARRICADE TYPE III	\$0.010	\$1.50	\$1.000	\$150.00
853.2	200.000	M	TEMPORARY CONCRETE BARRIER	\$120.000	\$24,000.00	\$125.000	\$25,000.00
853.21	180.000	M	TEMPORARY CONCRETE BARRIER REMOVED & RESET	\$50.000	\$9,000.00	\$12.000	\$2,160.00
853.36	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE (SINGLE FACED)	\$230.000	\$41,400.00	\$155.000	\$27,900.00
853.37	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE REMOVED & RESET	\$110.000	\$19,800.00	\$100.000	\$18,000.00
853.42	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION	\$4,500.000	\$9,000.00	\$5,000.000	\$10,000.00
853.421	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION R&R	\$1,200.000	\$2,400.00	\$1,200.000	\$2,400.00
853.44	2.000	EA	TEMP.IMP.ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION	\$5,000.000	\$10,000.00	\$5,000.000	\$10,000.00
854.014	2500.000	M	TEMPORARY PAVING MARKINGS - 100 MILLIMETER (PAINTED)	\$1.500	\$3,750.00	\$0.350	\$875.00
854.034	500.000	M	TEMPORARY PAVEMENT MARKINGS - 100 MM (REMOVABLE TAPE)	\$5.000	\$2,500.00	\$4.500	\$2,250.00
854.1	160.000	SM	PAVEMENT MARKING REMOVAL - PAINT	\$12.000	\$1,920.00	\$8.000	\$1,280.00
859.	25000.000	DD	REFLECTORIZED DRUM	\$0.500	\$12,500.00	\$0.200	\$5,000.00
866.15	750.000	M	150 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$3.500	\$2,625.00	\$1.650	\$1,237.50
866.30	120.000	M	300 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$10.000	\$1,200.00	\$4.150	\$498.00
867.15	700.000	M	150 MILLIMETER REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$3.500	\$2,450.00	\$1.650	\$1,155.00

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	NORTHERN CONSTRUCTION SERVICES		MIG CORPORATION, INC	
				Unit Price	Amount	Unit Price	Amount
874.	6.000	EA	STREET NAME SIGN	\$55.000	\$330.00	\$50.000	\$300.00
874.2	5.000	EA	TRAFFIC SIGN REMOVED AND RESET	\$50.000	\$250.00	\$50.000	\$250.00
874.4	28.000	EA	TRAFFIC SIGN REMOVED AND STACKED	\$15.000	\$420.00	\$20.000	\$560.00
942.122	1500.000	M	STEEL PILE HP 310 X 94	\$260.000	\$390,000.00	\$195.000	\$292,500.00
945.103	260.000	M	DRILLED SHAFT EXCAVATION 1.22 METER DIAMETER	\$1,000.000	\$260,000.00	\$1,000.000	\$260,000.00
945.203	22.000	M	ROCK SOCKET EXCAVATION 1.22 METER DIAMETER	\$10,500.000	\$231,000.00	\$12,000.000	\$264,000.00
945.503	260.000	M	DRILLED SHAFT 1.22 METER DIAMETER	\$1,400.000	\$364,000.00	\$1,300.000	\$338,000.00
945.71	1115.000	M	CROSS HOLE SONIC TESTING ACCESS PIPES	\$25.000	\$27,875.00	\$35.000	\$39,025.00
945.72	14.000	EA	CROSS HOLE SONIC TEST	\$1,500.000	\$21,000.00	\$1,000.000	\$14,000.00
948.5	70.000	EA	PILE SHOES	\$140.000	\$9,800.00	\$110.000	\$7,700.00
949.	315.000	M	PREDRILLING FOR PILES	\$220.000	\$69,300.00	\$150.000	\$47,250.00
950.3	1.000	LS	TEMPORARY STEEL SHEETING	\$100,000.000	\$100,000.00	\$350,000.000	\$350,000.00
987.3	320.000	SM	SPECIAL SLOPE PAVING UNDER BRIDGE - CEMENT CONCRETE	\$85.000	\$27,200.00	\$155.000	\$49,600.00
993.21	1.000	LS	TEMPORARY PEDESTRIAN BRIDGE	\$150,000.000	\$150,000.00	\$400,000.000	\$400,000.00
994.01	1.000	LS	TEMPORARY PROTECTIVE SHIELDING BRIDGE NO. I-01-007	\$95,000.000	\$95,000.00	\$100,000.000	\$100,000.00

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## BID TABS

Project No : 602543

AE ID : 48419

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	NORTHERN CONSTRUCTION SERVICES		MIG CORPORATION, INC	
				Unit Price	Amount	Unit Price	Amount
995.01	1.000	LS	BRIDGE STRUCTURE, BRIDGE NO. I-01-007	\$3,500,000.000	\$3,500,000.00	\$3,622,000.000	\$3,622,000.00
				Total :	\$7,942,464.00	Total :	\$8,547,857.50

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	S&R CORPORATION		SPS NEW ENGLAND INC	
				Unit Price	Amount	Unit Price	Amount
100.01	1.000	LS	SCHEDULE OF OPERATIONS-FIXED PRICE \$100,000.00	\$100,000.000	\$100,000.00	\$100,000.000	\$100,000.00
100.9	1.000	LS	PRE-CONSTN SURVEY & VIBRATION MONITORING OF HISTORIC HOUSES	\$20,000.000	\$20,000.00	\$25,000.000	\$25,000.00
102.51	62.000	EA	INDIVIDUAL TREE PROTECTION	\$225.000	\$13,950.00	\$300.000	\$18,600.00
103.	23.000	EA	TREE REMOVED - DIAMETER UNDER 600 MILLIMETERS	\$750.000	\$17,250.00	\$750.000	\$17,250.00
104.	1.000	EA	TREE REMOVED - DIAMETER 600 MILLIMETERS AND OVER	\$1,800.000	\$1,800.00	\$1,800.000	\$1,800.00
112.01	1.000	LS	DEMOLITION OF BUILDING OR STRUCTURE NO. 1	\$17,000.000	\$17,000.00	\$15,000.000	\$15,000.00
114.1	1.000	LS	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE NO. I-01-007	\$300,000.000	\$300,000.00	\$225,000.000	\$225,000.00
120.1	4200.000	CM	UNCLASSIFIED EXCAVATION	\$22.500	\$94,500.00	\$43.000	\$180,600.00
127.1	240.000	CM	REINFORCED CONCRETE EXCAVATION	\$193.000	\$46,320.00	\$750.000	\$180,000.00
140.	1555.000	CM	BRIDGE EXCAVATION	\$48.000	\$74,640.00	\$55.000	\$85,525.00
141.1	50.000	CM	TEST PIT FOR EXPLORATION	\$39.000	\$1,950.00	\$90.000	\$4,500.00
142.	50.000	CM	CLASS B TRENCH EXCAVATION	\$25.000	\$1,250.00	\$48.000	\$2,400.00
144.	166.000	CM	CLASS B ROCK EXCAVATION	\$1.000	\$166.00	\$65.000	\$10,790.00
145.	1.000	EA	DRAINAGE STRUCTURE ABANDONED	\$1,600.000	\$1,600.00	\$300.000	\$300.00
151.	1850.000	CM	GRAVEL BORROW	\$48.000	\$88,800.00	\$32.000	\$59,200.00
153.2	4753.000	CM	LIGHTWEIGHT AGGREGATE FILL	\$100.000	\$475,300.00	\$65.000	\$308,945.00

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Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	S&R CORPORATION		SPS NEW ENGLAND INC	
				Unit Price	Amount	Unit Price	Amount
156.	170.000	MG	CRUSHED STONE	\$30.000	\$5,100.00	\$38.000	\$6,460.00
170.	7000.000	SM	FINE GRADING AND COMPACTING	\$2.000	\$14,000.00	\$3.500	\$24,500.00
180.1	1.000	LS	HEALTH AND SAFETY PLAN	\$8,000.000	\$8,000.00	\$2,500.000	\$2,500.00
180.2	24.000	HR	IMPLEMENTATION OF HEALTH AND SAFETY PLAN	\$50.000	\$1,200.00	\$75.000	\$1,800.00
180.3	72.000	HR	PERSONNEL PROTECTION LEVEL C UPGRADE	\$20.000	\$1,440.00	\$4.000	\$288.00
180.4	40.000	CM	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS	\$40.000	\$1,600.00	\$40.000	\$1,600.00
180.5	24.000	HR	LICENSED SITE PROFESSIONAL (LSP) SERVICES	\$110.000	\$2,640.00	\$85.000	\$2,040.00
180.6	4.000	EA	MISCELLANEOUS SOIL TESTING	\$2,250.000	\$9,000.00	\$2,000.000	\$8,000.00
181.1	30.000	MG	DISPOSAL OF CONTAMINATED SOIL	\$175.000	\$5,250.00	\$80.000	\$2,400.00
184.1	5.000	MG	DISPOSAL OF TREATED WOOD PRODUCTS	\$400.000	\$2,000.00	\$350.000	\$1,750.00
187.3	15.000	CM	REMOVAL AND DISPOSAL OF DRAINAGE STRUCTURE SEDIMENTS	\$280.000	\$4,200.00	\$370.000	\$5,550.00
187.31	10.000	M	REMOVAL AND DISPOSAL OF DRAINAGE PIPE SEDIMENTS	\$280.000	\$2,800.00	\$250.000	\$2,500.00
201.	14.000	EA	CATCH BASIN	\$2,250.000	\$31,500.00	\$1,650.000	\$23,100.00
202.	10.000	EA	MANHOLE	\$2,500.000	\$25,000.00	\$2,000.000	\$20,000.00
204.	1.000	EA	GUTTER INLET	\$1,600.000	\$1,600.00	\$1,200.000	\$1,200.00
220.	8.000	EA	DRAINAGE STRUCTURE ADJUSTED	\$650.000	\$5,200.00	\$475.000	\$3,800.00

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Project No : 602543

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Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	S&R CORPORATION		SPS NEW ENGLAND INC	
				Unit Price	Amount	Unit Price	Amount
220.2	3.000	M	DRAINAGE STRUCTURE REBUILT	\$650.000	\$1,950.00	\$750.000	\$2,250.00
220.3	4.000	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$650.000	\$2,600.00	\$400.000	\$1,600.00
220.5	3.000	EA	DRAINAGE STRUCTURE REMODELED	\$550.000	\$1,650.00	\$550.000	\$1,650.00
220.7	6.000	EA	SANITARY STRUCTURE ADJUSTED	\$550.000	\$3,300.00	\$550.000	\$3,300.00
220.8	1.000	EA	SANITARY STRUCTURE REMODELED	\$550.000	\$550.00	\$600.000	\$600.00
221.	11.000	EA	FRAME AND COVER	\$650.000	\$7,150.00	\$550.000	\$6,050.00
222.	2.000	EA	FRAME AND GRATE	\$750.000	\$1,500.00	\$600.000	\$1,200.00
222.1	10.000	EA	FRAME AND GRATE MHD CASCADE TYPE	\$800.000	\$8,000.00	\$620.000	\$6,200.00
241.030	200.000	M	300 MM REINFORCED CONCRETE PIPE	\$240.000	\$48,000.00	\$250.000	\$50,000.00
358.	5.000	EA	GATE BOX ADJUSTED	\$185.000	\$925.00	\$175.000	\$875.00
381.3	5.000	EA	SERVICE BOX ADJUSTED	\$185.000	\$925.00	\$175.000	\$875.00
402.	540.000	CM	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$75.000	\$40,500.00	\$66.000	\$35,640.00
420.	1160.000	MG	HOT MIX ASPHALT BASE COURSE	\$82.000	\$95,120.00	\$89.000	\$103,240.00
440.	10000.000	KG	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.300	\$3,000.00	\$0.500	\$5,000.00
460.	1233.000	MG	HOT MIX ASPHALT	\$82.000	\$101,106.00	\$87.000	\$107,271.00
462.	73.000	MG	HOT MIX ASPHALT DENSE BINDER COURSE FOR BRIDGES	\$82.000	\$5,986.00	\$125.000	\$9,125.00

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Item No	Quantity	Units	Description	S&R CORPORATION		SPS NEW ENGLAND INC	
				Unit Price	Amount	Unit Price	Amount
464.	2250.000	L	BITUMEN FOR TACK COAT	\$1.500	\$3,375.00	\$1.000	\$2,250.00
464.5	1600.000	M	HOT POURED RUBBERIZED ASPHALT SEALER	\$2.500	\$4,000.00	\$1.800	\$2,880.00
472.	120.000	MG	HOT MIX ASPHALT FOR MISCELLANEOUS WORK	\$165.000	\$19,800.00	\$125.000	\$15,000.00
482.3	150.000	M	SAWING ASPHALT PAVEMENT	\$12.000	\$1,800.00	\$5.000	\$750.00
506.	450.000	M	GRANITE CURB TYPE VB - STRAIGHT	\$75.000	\$33,750.00	\$71.000	\$31,950.00
506.1	120.000	M	GRANITE CURB TYPE VB - CURVED	\$95.000	\$11,400.00	\$95.000	\$11,400.00
509.	80.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$75.000	\$6,000.00	\$88.000	\$7,040.00
509.1	40.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	\$95.000	\$3,800.00	\$107.000	\$4,280.00
514.	9.000	EA	GRANITE CURB INLET - STRAIGHT	\$250.000	\$2,250.00	\$225.000	\$2,025.00
580.	250.000	M	CURB REMOVED AND RESET	\$92.000	\$23,000.00	\$60.000	\$15,000.00
583.	5.000	M	EDGING REMOVED AND RESET	\$190.000	\$950.00	\$45.000	\$225.00
620.1	50.000	M	STEEL W BEAM HIGHWAY GUARD (SINGLE FACED)	\$85.000	\$4,250.00	\$71.000	\$3,550.00
620.3	25.000	M	STEEL W BEAM HIGHWAY GUARD - CURVED (SINGLE FACED)	\$85.000	\$2,125.00	\$85.000	\$2,125.00
627.1	4.000	EA	STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	\$40.000	\$160.00	\$66.000	\$264.00
627.3	2.000	EA	STEEL THRIE BEAM TERMINAL SECTION (SINGLE FACED)	\$55.000	\$110.00	\$110.000	\$220.00
628.2	4.000	EA	BRIDGE RAIL TO HIGHWAY GUARD RAIL TRANSITION	\$2,750.000	\$11,000.00	\$2,750.000	\$11,000.00



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Item No	Quantity	Units	Description	S&R CORPORATION		SPS NEW ENGLAND INC	
				Unit Price	Amount	Unit Price	Amount
635.1	325.000	M	HIGHWAY GUARD REMOVED AND DISCARDED	\$4.000	\$1,300.00	\$8.000	\$2,600.00
657.	550.000	M	TEMPORARY FENCE	\$27.000	\$14,850.00	\$27.000	\$14,850.00
657.5	300.000	M	TEMPORARY FENCE REMOVED AND RESET	\$25.000	\$7,500.00	\$16.000	\$4,800.00
660.1	40.000	M	TEMPORARY HAND RAIL	\$220.000	\$8,800.00	\$30.000	\$1,200.00
698.3	2950.000	SM	GEOTEXTILE FABRIC FOR SEPARATION	\$3.000	\$8,850.00	\$8.000	\$23,600.00
701.	1288.000	SM	CEMENT CONCRETE SIDEWALK	\$55.000	\$70,840.00	\$51.000	\$65,688.00
701.1	152.000	SM	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	\$60.000	\$9,120.00	\$62.000	\$9,424.00
701.11	1.000	LS	HISTORIC STONE WALL AND GARDEN PRESERVATION	\$5,000.000	\$5,000.00	\$7,000.000	\$7,000.00
701.2	115.000	SM	CEMENT CONCRETE WHEELCHAIR RAMP	\$115.000	\$13,225.00	\$88.000	\$10,120.00
702.	25.000	MG	HOT MIX ASPHALT WALK SURFACE	\$150.000	\$3,750.00	\$125.000	\$3,125.00
703.	50.000	MG	HOT MIX ASPHALT DRIVEWAY	\$150.000	\$7,500.00	\$125.000	\$6,250.00
706.1	10.000	SM	BRICK WALK REMOVED AND RELAID	\$350.000	\$3,500.00	\$325.000	\$3,250.00
710.4	14.000	EA	BOUND - PLAIN GRANITE	\$325.000	\$4,550.00	\$925.000	\$12,950.00
740.	45.000	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$2,350.000	\$105,750.00	\$1,525.000	\$68,625.00
748.	1.000	LS	MOBILIZATION	\$240,000.000	\$240,000.00	\$200,000.000	\$200,000.00
751.	105.000	CM	LOAM BORROW	\$50.000	\$5,250.00	\$44.000	\$4,620.00

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Item No	Quantity	Units	Description	S&R CORPORATION		SPS NEW ENGLAND INC	
				Unit Price	Amount	Unit Price	Amount
765.	990.000	SM	SEEDING	\$1.500	\$1,485.00	\$1.750	\$1,732.50
767.6	1.000	CM	AGED PINE BARK MULCH	\$70.000	\$70.00	\$1.100	\$1.10
767.8	100.000	EA	BALES OF HAY FOR EROSION CONTROL	\$10.000	\$1,000.00	\$10.000	\$1,000.00
769.	105.000	M	PAVEMENT MILLING MULCH UNDER GUARD RAIL	\$60.000	\$6,300.00	\$17.000	\$1,785.00
773.037	33.000	EA	PINE - AUSTRIAN 1.73-2.44 METERS	\$275.000	\$9,075.00	\$300.000	\$9,900.00
774.038	5.000	EA	SPRUCE - COLORADO GREEN 1.73-2.44 METERS	\$275.000	\$1,375.00	\$300.000	\$1,500.00
775.028	3.000	EA	ELM - AMERICAN 'PRINCETON' 50-60 MM CAL.	\$390.000	\$1,170.00	\$440.000	\$1,320.00
776.841	11.000	EA	MAPLE - SUGAR - 'GREEN MOUNTAIN' 50-60 MILLIMETER CALIPER	\$315.000	\$3,465.00	\$350.000	\$3,850.00
777.036	15.000	EA	OAK - NORTHERN RED 50-60 MILLIMETER CALIPER	\$325.000	\$4,875.00	\$370.000	\$5,550.00
777.241	9.000	EA	OAK - SCARLET 50-60 MILLIMETER CALIPER	\$325.000	\$2,925.00	\$370.000	\$3,330.00
781.173	7.000	EA	HACKBERRY TREE 50-60 MILLIMETER CALIPER	\$325.000	\$2,275.00	\$370.000	\$2,590.00
781.268	7.000	EA	HAWTHORN-'WINTER KING' 1.73-2.44 M HT	\$315.000	\$2,205.00	\$350.000	\$2,450.00
782.535	6.000	EA	EASTERN REDBUD 1.73-2.44 METERS	\$200.000	\$1,200.00	\$235.000	\$1,410.00
783.509	18.000	EA	SERVICEBERRY 'AUTUMN BRILLIANCE' 40-50 MILLIMETER CALIPER	\$300.000	\$5,400.00	\$340.000	\$6,120.00
785.736	22.000	EA	INKBERRY 610-760 MILLIMETERS	\$50.000	\$1,100.00	\$58.000	\$1,276.00

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Item No	Quantity	Units	Description	S&R CORPORATION		SPS NEW ENGLAND INC	
				Unit Price	Amount	Unit Price	Amount
789.333	17.000	EA	BAYBERRY SHRUB - NORTHERN 610-900 MILLIMETERS	\$48.000	\$816.00	\$50.000	\$850.00
790.633	19.000	EA	DOGWOOD - REDOSIER 610-900 MILLIMETERS	\$30.000	\$570.00	\$31.000	\$589.00
791.016	9.000	EA	VIBURNUM - BLACKHAW NO. 3	\$36.000	\$324.00	\$42.000	\$378.00
791.066	23.000	EA	EASTERN NINEBARK 610-760 MILLIMETERS	\$38.000	\$874.00	\$45.000	\$1,035.00
792.022	6.000	EA	HYDRANGAEA-OAKLEAF NO. 2	\$36.000	\$216.00	\$40.000	\$240.00
795.013	17.000	EA	VIBURNUM - ARROWWOOD 900 MM-1.22 METERS	\$49.000	\$833.00	\$55.000	\$935.00
795.033	8.000	EA	VIBURNUM - DOUBLEFILE 900 MM-1.22 METERS	\$65.000	\$520.00	\$77.000	\$616.00
796.071	12.000	EA	VIRGINIA CREEPER NO. 1	\$18.000	\$216.00	\$20.000	\$240.00
820.151	1.000	LS	TEMPORARY LIGHTING	\$45,000.000	\$45,000.00	\$50,000.000	\$50,000.00
832.1	15.000	SM	WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	\$95.000	\$1,425.00	\$100.000	\$1,500.00
833.5	11.000	EA	DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	\$5.000	\$55.00	\$4.500	\$49.50
833.7	6.000	EA	DELINEATION FOR GUARD RAIL TERMINI	\$33.000	\$198.00	\$155.000	\$930.00
847.1	24.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$85.000	\$2,040.00	\$80.000	\$1,920.00
848.1	2.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL	\$165.000	\$330.00	\$175.000	\$350.00
850.41	3200.000	HR	ROADWAY FLAGGER	\$53.000	\$169,600.00	\$35.000	\$112,000.00
851.	400.000	UD	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS	\$1.000	\$400.00	\$300.000	\$120,000.00

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Item No	Quantity	Units	Description	S&R CORPORATION		SPS NEW ENGLAND INC	
				Unit Price	Amount	Unit Price	Amount
852.	30.000	SM	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$25.000	\$750.00	\$68.000	\$2,040.00
853.	150.000	EA	PORTABLE BARRICADE TYPE III	\$115.000	\$17,250.00	\$10.000	\$1,500.00
853.2	200.000	M	TEMPORARY CONCRETE BARRIER	\$125.000	\$25,000.00	\$120.000	\$24,000.00
853.21	180.000	M	TEMPORARY CONCRETE BARRIER REMOVED & RESET	\$35.000	\$6,300.00	\$22.000	\$3,960.00
853.36	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE (SINGLE FACED)	\$200.000	\$36,000.00	\$395.000	\$71,100.00
853.37	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE REMOVED & RESET	\$50.000	\$9,000.00	\$70.000	\$12,600.00
853.42	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION	\$5,000.000	\$10,000.00	\$4,400.000	\$8,800.00
853.421	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION R&R	\$1,500.000	\$3,000.00	\$1,200.000	\$2,400.00
853.44	2.000	EA	TEMP.IMP.ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION	\$5,000.000	\$10,000.00	\$4,400.000	\$8,800.00
854.014	2500.000	M	TEMPORARY PAVING MARKINGS - 100 MILLIMETER (PAINTED)	\$0.500	\$1,250.00	\$0.400	\$1,000.00
854.034	500.000	M	TEMPORARY PAVEMENT MARKINGS - 100 MM (REMOVABLE TAPE)	\$1.800	\$900.00	\$12.000	\$6,000.00
854.1	160.000	SM	PAVEMENT MARKING REMOVAL - PAINT	\$7.500	\$1,200.00	\$9.000	\$1,440.00
859.	25000.000	DD	REFLECTORIZED DRUM	\$0.200	\$5,000.00	\$0.140	\$3,500.00
866.15	750.000	M	150 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$1.700	\$1,275.00	\$1.800	\$1,350.00
866.30	120.000	M	300 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$4.500	\$540.00	\$4.500	\$540.00
867.15	700.000	M	150 MILLIMETER REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$1.750	\$1,225.00	\$1.800	\$1,260.00

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## BID TABS

Project No : 602543

AE ID : 48419

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	S&R CORPORATION		SPS NEW ENGLAND INC	
				Unit Price	Amount	Unit Price	Amount
874.	6.000	EA	STREET NAME SIGN	\$56.000	\$336.00	\$50.000	\$300.00
874.2	5.000	EA	TRAFFIC SIGN REMOVED AND RESET	\$85.000	\$425.00	\$55.000	\$275.00
874.4	28.000	EA	TRAFFIC SIGN REMOVED AND STACKED	\$20.000	\$560.00	\$18.000	\$504.00
942.122	1500.000	M	STEEL PILE HP 310 X 94	\$240.000	\$360,000.00	\$210.000	\$315,000.00
945.103	260.000	M	DRILLED SHAFT EXCAVATION 1.22 METER DIAMETER	\$950.000	\$247,000.00	\$1,050.000	\$273,000.00
945.203	22.000	M	ROCK SOCKET EXCAVATION 1.22 METER DIAMETER	\$6,000.000	\$132,000.00	\$8,500.000	\$187,000.00
945.503	260.000	M	DRILLED SHAFT 1.22 METER DIAMETER	\$1,750.000	\$455,000.00	\$2,100.000	\$546,000.00
945.71	1115.000	M	CROSS HOLE SONIC TESTING ACCESS PIPES	\$20.000	\$22,300.00	\$14.000	\$15,610.00
945.72	14.000	EA	CROSS HOLE SONIC TEST	\$750.000	\$10,500.00	\$730.000	\$10,220.00
948.5	70.000	EA	PILE SHOES	\$175.000	\$12,250.00	\$120.000	\$8,400.00
949.	315.000	M	PREDRILLING FOR PILES	\$1.000	\$315.00	\$295.000	\$92,925.00
950.3	1.000	LS	TEMPORARY STEEL SHEETING	\$175,000.000	\$175,000.00	\$300,000.000	\$300,000.00
987.3	320.000	SM	SPECIAL SLOPE PAVING UNDER BRIDGE - CEMENT CONCRETE	\$115.000	\$36,800.00	\$95.000	\$30,400.00
993.21	1.000	LS	TEMPORARY PEDESTRIAN BRIDGE	\$350,000.000	\$350,000.00	\$250,000.000	\$250,000.00
994.01	1.000	LS	TEMPORARY PROTECTIVE SHIELDING BRIDGE NO. I-01-007	\$250,000.000	\$250,000.00	\$200,000.000	\$200,000.00

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B&M RAILROAD (ABP)

Item No	Quantity	Units	Description	S&R CORPORATION		SPS NEW ENGLAND INC	
				Unit Price	Amount	Unit Price	Amount
995.01	1.000	LS	BRIDGE STRUCTURE, BRIDGE NO. I-01-007	\$4,000,000.000	\$4,000,000.00	\$3,854,000.000	\$3,854,000.00
				Total :	\$8,783,386.00	Total :	\$8,794,706.10

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	A. A. WILL CORPORATION		E.T. & L. CORP.	
				Unit Price	Amount	Unit Price	Amount
100.01	1.000	LS	SCHEDULE OF OPERATIONS-FIXED PRICE \$100,000.00	\$100,000.000	\$100,000.00	\$100,000.000	\$100,000.00
100.9	1.000	LS	PRE-CONSTN SURVEY & VIBRATION MONITORING OF HISTORIC HOUSES	\$60,000.000	\$60,000.00	\$75,000.000	\$75,000.00
102.51	62.000	EA	INDIVIDUAL TREE PROTECTION	\$210.000	\$13,020.00	\$190.000	\$11,780.00
103.	23.000	EA	TREE REMOVED - DIAMETER UNDER 600 MILLIMETERS	\$580.000	\$13,340.00	\$700.000	\$16,100.00
104.	1.000	EA	TREE REMOVED - DIAMETER 600 MILLIMETERS AND OVER	\$1,200.000	\$1,200.00	\$1,200.000	\$1,200.00
112.01	1.000	LS	DEMOLITION OF BUILDING OR STRUCTURE NO. 1	\$4,300.000	\$4,300.00	\$5,000.000	\$5,000.00
114.1	1.000	LS	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE NO. I-01-007	\$325,000.000	\$325,000.00	\$400,000.000	\$400,000.00
120.1	4200.000	CM	UNCLASSIFIED EXCAVATION	\$22.000	\$92,400.00	\$23.000	\$96,600.00
127.1	240.000	CM	REINFORCED CONCRETE EXCAVATION	\$400.000	\$96,000.00	\$300.000	\$72,000.00
140.	1555.000	CM	BRIDGE EXCAVATION	\$38.000	\$59,090.00	\$46.000	\$71,530.00
141.1	50.000	CM	TEST PIT FOR EXPLORATION	\$0.010	\$0.50	\$100.000	\$5,000.00
142.	50.000	CM	CLASS B TRENCH EXCAVATION	\$0.010	\$0.50	\$35.000	\$1,750.00
144.	166.000	CM	CLASS B ROCK EXCAVATION	\$0.010	\$1.66	\$10.000	\$1,660.00
145.	1.000	EA	DRAINAGE STRUCTURE ABANDONED	\$500.000	\$500.00	\$610.000	\$610.00
151.	1850.000	CM	GRAVEL BORROW	\$40.000	\$74,000.00	\$56.000	\$103,600.00
153.2	4753.000	CM	LIGHTWEIGHT AGGREGATE FILL	\$100.000	\$475,300.00	\$10.000	\$47,530.00

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	A. A. WILL CORPORATION		E.T. & L. CORP.	
				Unit Price	Amount	Unit Price	Amount
156.	170.000	MG	CRUSHED STONE	\$35.000	\$5,950.00	\$55.000	\$9,350.00
170.	7000.000	SM	FINE GRADING AND COMPACTING	\$1.700	\$11,900.00	\$3.250	\$22,750.00
180.1	1.000	LS	HEALTH AND SAFETY PLAN	\$3,000.000	\$3,000.00	\$5,000.000	\$5,000.00
180.2	24.000	HR	IMPLEMENTATION OF HEALTH AND SAFETY PLAN	\$130.000	\$3,120.00	\$80.000	\$1,920.00
180.3	72.000	HR	PERSONNEL PROTECTION LEVEL C UPGRADE	\$60.000	\$4,320.00	\$26.000	\$1,872.00
180.4	40.000	CM	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS	\$50.000	\$2,000.00	\$55.000	\$2,200.00
180.5	24.000	HR	LICENSED SITE PROFESSIONAL (LSP) SERVICES	\$120.000	\$2,880.00	\$95.000	\$2,280.00
180.6	4.000	EA	MISCELLANEOUS SOIL TESTING	\$4,000.000	\$16,000.00	\$2,500.000	\$10,000.00
181.1	30.000	MG	DISPOSAL OF CONTAMINATED SOIL	\$300.000	\$9,000.00	\$70.000	\$2,100.00
184.1	5.000	MG	DISPOSAL OF TREATED WOOD PRODUCTS	\$120.000	\$600.00	\$340.000	\$1,700.00
187.3	15.000	CM	REMOVAL AND DISPOSAL OF DRAINAGE STRUCTURE SEDIMENTS	\$50.000	\$750.00	\$435.000	\$6,525.00
187.31	10.000	M	REMOVAL AND DISPOSAL OF DRAINAGE PIPE SEDIMENTS	\$50.000	\$500.00	\$35.000	\$350.00
201.	14.000	EA	CATCH BASIN	\$1,300.000	\$18,200.00	\$2,100.000	\$29,400.00
202.	10.000	EA	MANHOLE	\$1,200.000	\$12,000.00	\$2,250.000	\$22,500.00
204.	1.000	EA	GUTTER INLET	\$2,000.000	\$2,000.00	\$920.000	\$920.00
220.	8.000	EA	DRAINAGE STRUCTURE ADJUSTED	\$330.000	\$2,640.00	\$460.000	\$3,680.00



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Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	A. A. WILL CORPORATION		E.T. & L. CORP.	
				Unit Price	Amount	Unit Price	Amount
220.2	3.000	M	DRAINAGE STRUCTURE REBUILT	\$300.000	\$900.00	\$2,400.000	\$7,200.00
220.3	4.000	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$500.000	\$2,000.00	\$780.000	\$3,120.00
220.5	3.000	EA	DRAINAGE STRUCTURE REMODELED	\$400.000	\$1,200.00	\$460.000	\$1,380.00
220.7	6.000	EA	SANITARY STRUCTURE ADJUSTED	\$150.000	\$900.00	\$460.000	\$2,760.00
220.8	1.000	EA	SANITARY STRUCTURE REMODELED	\$1,000.000	\$1,000.00	\$535.000	\$535.00
221.	11.000	EA	FRAME AND COVER	\$700.000	\$7,700.00	\$810.000	\$8,910.00
222.	2.000	EA	FRAME AND GRATE	\$700.000	\$1,400.00	\$865.000	\$1,730.00
222.1	10.000	EA	FRAME AND GRATE MHD CASCADE TYPE	\$700.000	\$7,000.00	\$915.000	\$9,150.00
241.030	200.000	M	300 MM REINFORCED CONCRETE PIPE	\$125.000	\$25,000.00	\$150.000	\$30,000.00
358.	5.000	EA	GATE BOX ADJUSTED	\$100.000	\$500.00	\$120.000	\$600.00
381.3	5.000	EA	SERVICE BOX ADJUSTED	\$50.000	\$250.00	\$120.000	\$600.00
402.	540.000	CM	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$90.000	\$48,600.00	\$65.000	\$35,100.00
420.	1160.000	MG	HOT MIX ASPHALT BASE COURSE	\$90.000	\$104,400.00	\$95.000	\$110,200.00
440.	10000.000	KG	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.600	\$6,000.00	\$0.900	\$9,000.00
460.	1233.000	MG	HOT MIX ASPHALT	\$95.000	\$117,135.00	\$92.000	\$113,436.00
462.	73.000	MG	HOT MIX ASPHALT DENSE BINDER COURSE FOR BRIDGES	\$95.000	\$6,935.00	\$132.000	\$9,636.00

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Item No	Quantity	Units	Description	A. A. WILL CORPORATION		E.T. & L. CORP.	
				Unit Price	Amount	Unit Price	Amount
464.	2250.000	L	BITUMEN FOR TACK COAT	\$1.750	\$3,937.50	\$1.100	\$2,475.00
464.5	1600.000	M	HOT POURED RUBBERIZED ASPHALT SEALER	\$3.000	\$4,800.00	\$1.900	\$3,040.00
472.	120.000	MG	HOT MIX ASPHALT FOR MISCELLANEOUS WORK	\$160.000	\$19,200.00	\$170.000	\$20,400.00
482.3	150.000	M	SAWING ASPHALT PAVEMENT	\$10.000	\$1,500.00	\$11.000	\$1,650.00
506.	450.000	M	GRANITE CURB TYPE VB - STRAIGHT	\$110.000	\$49,500.00	\$81.000	\$36,450.00
506.1	120.000	M	GRANITE CURB TYPE VB - CURVED	\$130.000	\$15,600.00	\$100.000	\$12,000.00
509.	80.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$130.000	\$10,400.00	\$115.000	\$9,200.00
509.1	40.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	\$150.000	\$6,000.00	\$90.000	\$3,600.00
514.	9.000	EA	GRANITE CURB INLET - STRAIGHT	\$350.000	\$3,150.00	\$280.000	\$2,520.00
580.	250.000	M	CURB REMOVED AND RESET	\$50.000	\$12,500.00	\$70.000	\$17,500.00
583.	5.000	M	EDGING REMOVED AND RESET	\$50.000	\$250.00	\$65.000	\$325.00
620.1	50.000	M	STEEL W BEAM HIGHWAY GUARD (SINGLE FACED)	\$100.000	\$5,000.00	\$88.000	\$4,400.00
620.3	25.000	M	STEEL W BEAM HIGHWAY GUARD - CURVED (SINGLE FACED)	\$100.000	\$2,500.00	\$100.000	\$2,500.00
627.1	4.000	EA	STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	\$49.000	\$196.00	\$53.000	\$212.00
627.3	2.000	EA	STEEL THRIE BEAM TERMINAL SECTION (SINGLE FACED)	\$67.000	\$134.00	\$116.000	\$232.00
628.2	4.000	EA	BRIDGE RAIL TO HIGHWAY GUARD RAIL TRANSITION	\$3,000.000	\$12,000.00	\$2,750.000	\$11,000.00

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Item No	Quantity	Units	Description	A. A. WILL CORPORATION		E.T. & L. CORP.	
				Unit Price	Amount	Unit Price	Amount
635.1	325.000	M	HIGHWAY GUARD REMOVED AND DISCARDED	\$4.000	\$1,300.00	\$9.000	\$2,925.00
657.	550.000	M	TEMPORARY FENCE	\$30.000	\$16,500.00	\$28.000	\$15,400.00
657.5	300.000	M	TEMPORARY FENCE REMOVED AND RESET	\$30.000	\$9,000.00	\$26.000	\$7,800.00
660.1	40.000	M	TEMPORARY HAND RAIL	\$200.000	\$8,000.00	\$520.000	\$20,800.00
698.3	2950.000	SM	GEOTEXTILE FABRIC FOR SEPARATION	\$4.000	\$11,800.00	\$4.300	\$12,685.00
701.	1288.000	SM	CEMENT CONCRETE SIDEWALK	\$70.000	\$90,160.00	\$46.000	\$59,248.00
701.1	152.000	SM	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	\$70.000	\$10,640.00	\$65.000	\$9,880.00
701.11	1.000	LS	HISTORIC STONE WALL AND GARDEN PRESERVATION	\$30,000.000	\$30,000.00	\$9,000.000	\$9,000.00
701.2	115.000	SM	CEMENT CONCRETE WHEELCHAIR RAMP	\$100.000	\$11,500.00	\$70.000	\$8,050.00
702.	25.000	MG	HOT MIX ASPHALT WALK SURFACE	\$160.000	\$4,000.00	\$130.000	\$3,250.00
703.	50.000	MG	HOT MIX ASPHALT DRIVEWAY	\$160.000	\$8,000.00	\$130.000	\$6,500.00
706.1	10.000	SM	BRICK WALK REMOVED AND RELAID	\$90.000	\$900.00	\$220.000	\$2,200.00
710.4	14.000	EA	BOUND - PLAIN GRANITE	\$400.000	\$5,600.00	\$350.000	\$4,900.00
740.	45.000	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$2,400.000	\$108,000.00	\$2,500.000	\$112,500.00
748.	1.000	LS	MOBILIZATION	\$260,000.000	\$260,000.00	\$260,000.000	\$260,000.00
751.	105.000	CM	LOAM BORROW	\$42.000	\$4,410.00	\$45.000	\$4,725.00

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Item No	Quantity	Units	Description	A. A. WILL CORPORATION		E.T. & L. CORP.	
				Unit Price	Amount	Unit Price	Amount
765.	990.000	SM	SEEDING	\$1.700	\$1,683.00	\$2.000	\$1,980.00
767.6	1.000	CM	AGED PINE BARK MULCH	\$75.000	\$75.00	\$70.000	\$70.00
767.8	100.000	EA	BALES OF HAY FOR EROSION CONTROL	\$10.000	\$1,000.00	\$16.500	\$1,650.00
769.	105.000	M	PAVEMENT MILLING MULCH UNDER GUARD RAIL	\$30.000	\$3,150.00	\$27.000	\$2,835.00
773.037	33.000	EA	PINE - AUSTRIAN 1.73-2.44 METERS	\$280.000	\$9,240.00	\$300.000	\$9,900.00
774.038	5.000	EA	SPRUCE - COLORADO GREEN 1.73-2.44 METERS	\$280.000	\$1,400.00	\$300.000	\$1,500.00
775.028	3.000	EA	ELM - AMERICAN 'PRINCETON' 50-60 MM CAL.	\$400.000	\$1,200.00	\$425.000	\$1,275.00
776.841	11.000	EA	MAPLE - SUGAR - 'GREEN MOUNTAIN' 50-60 MILLIMETER CALIPER	\$320.000	\$3,520.00	\$350.000	\$3,850.00
777.036	15.000	EA	OAK - NORTHERN RED 50-60 MILLIMETER CALIPER	\$330.000	\$4,950.00	\$350.000	\$5,250.00
777.241	9.000	EA	OAK - SCARLET 50-60 MILLIMETER CALIPER	\$330.000	\$2,970.00	\$350.000	\$3,150.00
781.173	7.000	EA	HACKBERRY TREE 50-60 MILLIMETER CALIPER	\$330.000	\$2,310.00	\$350.000	\$2,450.00
781.268	7.000	EA	HAWTHORN-'WINTER KING' 1.73-2.44 M HT	\$320.000	\$2,240.00	\$350.000	\$2,450.00
782.535	6.000	EA	EASTERN REDBUD 1.73-2.44 METERS	\$210.000	\$1,260.00	\$225.000	\$1,350.00
783.509	18.000	EA	SERVICEBERRY 'AUTUMN BRILLIANCE' 40-50 MILLIMETER CALIPER	\$310.000	\$5,580.00	\$330.000	\$5,940.00
785.736	22.000	EA	INKBERRY 610-760 MILLIMETERS	\$52.000	\$1,144.00	\$55.000	\$1,210.00

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Item No	Quantity	Units	Description	A. A. WILL CORPORATION		E.T. & L. CORP.	
				Unit Price	Amount	Unit Price	Amount
789.333	17.000	EA	BAYBERRY SHRUB - NORTHERN 610-900 MILLIMETERS	\$46.000	\$782.00	\$50.000	\$850.00
790.633	19.000	EA	DOGWOOD - REDOSIER 610-900 MILLIMETERS	\$28.000	\$532.00	\$30.000	\$570.00
791.016	9.000	EA	VIBURNUM - BLACKHAW NO. 3	\$38.000	\$342.00	\$40.000	\$360.00
791.066	23.000	EA	EASTERN NINEBARK 610-760 MILLIMETERS	\$40.000	\$920.00	\$45.000	\$1,035.00
792.022	6.000	EA	HYDRANGAEA-OAKLEAF NO. 2	\$36.000	\$216.00	\$40.000	\$240.00
795.013	17.000	EA	VIBURNUM - ARROWWOOD 900 MM-1.22 METERS	\$50.000	\$850.00	\$55.000	\$935.00
795.033	8.000	EA	VIBURNUM - DOUBLEFILE 900 MM-1.22 METERS	\$70.000	\$560.00	\$75.000	\$600.00
796.071	12.000	EA	VIRGINIA CREEPER NO. 1	\$18.000	\$216.00	\$20.000	\$240.00
820.151	1.000	LS	TEMPORARY LIGHTING	\$20,000.000	\$20,000.00	\$30,000.000	\$30,000.00
832.1	15.000	SM	WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	\$100.000	\$1,500.00	\$100.000	\$1,500.00
833.5	11.000	EA	DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	\$4.000	\$44.00	\$6.000	\$66.00
833.7	6.000	EA	DELINEATION FOR GUARD RAIL TERMINI	\$35.000	\$210.00	\$35.000	\$210.00
847.1	24.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$100.000	\$2,400.00	\$100.000	\$2,400.00
848.1	2.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL	\$200.000	\$400.00	\$170.000	\$340.00
850.41	3200.000	HR	ROADWAY FLAGGER	\$50.000	\$160,000.00	\$20.000	\$64,000.00
851.	400.000	UD	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS	\$80.000	\$32,000.00	\$150.000	\$60,000.00

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## BID TABS

Project No : 602543

AE ID : 48419

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	A. A. WILL CORPORATION		E.T. & L. CORP.	
				Unit Price	Amount	Unit Price	Amount
852.	30.000	SM	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$150.000	\$4,500.00	\$185.000	\$5,550.00
853.	150.000	EA	PORTABLE BARRICADE TYPE III	\$1.000	\$150.00	\$210.000	\$31,500.00
853.2	200.000	M	TEMPORARY CONCRETE BARRIER	\$200.000	\$40,000.00	\$85.000	\$17,000.00
853.21	180.000	M	TEMPORARY CONCRETE BARRIER REMOVED & RESET	\$30.000	\$5,400.00	\$20.000	\$3,600.00
853.36	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE (SINGLE FACED)	\$450.000	\$81,000.00	\$175.000	\$31,500.00
853.37	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE REMOVED & RESET	\$160.000	\$28,800.00	\$120.000	\$21,600.00
853.42	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION	\$5,000.000	\$10,000.00	\$4,500.000	\$9,000.00
853.421	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION R&R	\$1,000.000	\$2,000.00	\$1,200.000	\$2,400.00
853.44	2.000	EA	TEMP.IMP.ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION	\$5,000.000	\$10,000.00	\$4,500.000	\$9,000.00
854.014	2500.000	M	TEMPORARY PAVING MARKINGS - 100 MILLIMETER (PAINTED)	\$0.500	\$1,250.00	\$0.350	\$875.00
854.034	500.000	M	TEMPORARY PAVEMENT MARKINGS - 100 MM (REMOVABLE TAPE)	\$2.000	\$1,000.00	\$5.000	\$2,500.00
854.1	160.000	SM	PAVEMENT MARKING REMOVAL - PAINT	\$8.000	\$1,280.00	\$8.500	\$1,360.00
859.	25000.000	DD	REFLECTORIZED DRUM	\$0.250	\$6,250.00	\$0.500	\$12,500.00
866.15	750.000	M	150 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$2.000	\$1,500.00	\$1.800	\$1,350.00
866.30	120.000	M	300 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$4.000	\$480.00	\$4.500	\$540.00
867.15	700.000	M	150 MILLIMETER REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$2.000	\$1,400.00	\$1.800	\$1,260.00

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Project No : 602543

AE ID : 48419

Bids Open Date : 15 Dec 2009

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	A. A. WILL CORPORATION		E.T. & L. CORP.	
				Unit Price	Amount	Unit Price	Amount
874.	6.000	EA	STREET NAME SIGN	\$60.000	\$360.00	\$50.000	\$300.00
874.2	5.000	EA	TRAFFIC SIGN REMOVED AND RESET	\$100.000	\$500.00	\$50.000	\$250.00
874.4	28.000	EA	TRAFFIC SIGN REMOVED AND STACKED	\$24.000	\$672.00	\$25.000	\$700.00
942.122	1500.000	M	STEEL PILE HP 310 X 94	\$230.000	\$345,000.00	\$315.000	\$472,500.00
945.103	260.000	M	DRILLED SHAFT EXCAVATION 1.22 METER DIAMETER	\$765.000	\$198,900.00	\$940.000	\$244,400.00
945.203	22.000	M	ROCK SOCKET EXCAVATION 1.22 METER DIAMETER	\$10,000.000	\$220,000.00	\$12,750.000	\$280,500.00
945.503	260.000	M	DRILLED SHAFT 1.22 METER DIAMETER	\$1,300.000	\$338,000.00	\$2,000.000	\$520,000.00
945.71	1115.000	M	CROSS HOLE SONIC TESTING ACCESS PIPES	\$30.000	\$33,450.00	\$16.000	\$17,840.00
945.72	14.000	EA	CROSS HOLE SONIC TEST	\$900.000	\$12,600.00	\$825.000	\$11,550.00
948.5	70.000	EA	PILE SHOES	\$120.000	\$8,400.00	\$125.000	\$8,750.00
949.	315.000	M	PREDRILLING FOR PILES	\$300.000	\$94,500.00	\$300.000	\$94,500.00
950.3	1.000	LS	TEMPORARY STEEL SHEETING	\$200,000.000	\$200,000.00	\$160,000.000	\$160,000.00
987.3	320.000	SM	SPECIAL SLOPE PAVING UNDER BRIDGE - CEMENT CONCRETE	\$90.000	\$28,800.00	\$200.000	\$64,000.00
993.21	1.000	LS	TEMPORARY PEDESTRIAN BRIDGE	\$390,000.000	\$390,000.00	\$500,000.000	\$500,000.00
994.01	1.000	LS	TEMPORARY PROTECTIVE SHIELDING BRIDGE NO. I-01-007	\$100,000.000	\$100,000.00	\$175,000.000	\$175,000.00

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	A. A. WILL CORPORATION		E.T. & L. CORP.	
				Unit Price	Amount	Unit Price	Amount
995.01	1.000	LS	BRIDGE STRUCTURE, BRIDGE NO. I-01-007	\$3,924,500.000	\$3,924,500.00	\$3,935,000.000	\$3,935,000.00
				Total :	\$8,819,796.16	Total :	\$8,987,662.00



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Item No	Quantity	Units	Description	MCCOURT CONSTRUCTION CO INC		J.F. WHITE CONTRACTING COMPANY	
				Unit Price	Amount	Unit Price	Amount
100.01	1.000	LS	SCHEDULE OF OPERATIONS-FIXED PRICE \$100,000.00	\$100,000.000	\$100,000.00	\$100,000.000	\$100,000.00
100.9	1.000	LS	PRE-CONSTN SURVEY & VIBRATION MONITORING OF HISTORIC HOUSES	\$50,000.000	\$50,000.00	\$50,000.000	\$50,000.00
102.51	62.000	EA	INDIVIDUAL TREE PROTECTION	\$300.000	\$18,600.00	\$150.000	\$9,300.00
103.	23.000	EA	TREE REMOVED - DIAMETER UNDER 600 MILLIMETERS	\$800.000	\$18,400.00	\$935.000	\$21,505.00
104.	1.000	EA	TREE REMOVED - DIAMETER 600 MILLIMETERS AND OVER	\$2,000.000	\$2,000.00	\$3,600.000	\$3,600.00
112.01	1.000	LS	DEMOLITION OF BUILDING OR STRUCTURE NO. 1	\$20,000.000	\$20,000.00	\$10,000.000	\$10,000.00
114.1	1.000	LS	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE NO. I-01-007	\$400,000.000	\$400,000.00	\$400,000.000	\$400,000.00
120.1	4200.000	CM	UNCLASSIFIED EXCAVATION	\$35.000	\$147,000.00	\$20.000	\$84,000.00
127.1	240.000	CM	REINFORCED CONCRETE EXCAVATION	\$500.000	\$120,000.00	\$300.000	\$72,000.00
140.	1555.000	CM	BRIDGE EXCAVATION	\$65.000	\$101,075.00	\$110.000	\$171,050.00
141.1	50.000	CM	TEST PIT FOR EXPLORATION	\$65.000	\$3,250.00	\$115.000	\$5,750.00
142.	50.000	CM	CLASS B TRENCH EXCAVATION	\$30.000	\$1,500.00	\$60.000	\$3,000.00
144.	166.000	CM	CLASS B ROCK EXCAVATION	\$65.000	\$10,790.00	\$90.000	\$14,940.00
145.	1.000	EA	DRAINAGE STRUCTURE ABANDONED	\$300.000	\$300.00	\$450.000	\$450.00
151.	1850.000	CM	GRAVEL BORROW	\$35.000	\$64,750.00	\$30.000	\$55,500.00
153.2	4753.000	CM	LIGHTWEIGHT AGGREGATE FILL	\$110.000	\$522,830.00	\$100.000	\$475,300.00

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	MCCOURT CONSTRUCTION CO INC		J.F. WHITE CONTRACTING COMPANY	
				Unit Price	Amount	Unit Price	Amount
156.	170.000	MG	CRUSHED STONE	\$35.000	\$5,950.00	\$60.000	\$10,200.00
170.	7000.000	SM	FINE GRADING AND COMPACTING	\$5.000	\$35,000.00	\$5.500	\$38,500.00
180.1	1.000	LS	HEALTH AND SAFETY PLAN	\$5,000.000	\$5,000.00	\$4,550.000	\$4,550.00
180.2	24.000	HR	IMPLEMENTATION OF HEALTH AND SAFETY PLAN	\$85.000	\$2,040.00	\$80.000	\$1,920.00
180.3	72.000	HR	PERSONNEL PROTECTION LEVEL C UPGRADE	\$10.000	\$720.00	\$12.000	\$864.00
180.4	40.000	CM	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS	\$20.000	\$800.00	\$20.000	\$800.00
180.5	24.000	HR	LICENSED SITE PROFESSIONAL (LSP) SERVICES	\$90.000	\$2,160.00	\$100.000	\$2,400.00
180.6	4.000	EA	MISCELLANEOUS SOIL TESTING	\$1,000.000	\$4,000.00	\$850.000	\$3,400.00
181.1	30.000	MG	DISPOSAL OF CONTAMINATED SOIL	\$100.000	\$3,000.00	\$120.000	\$3,600.00
184.1	5.000	MG	DISPOSAL OF TREATED WOOD PRODUCTS	\$100.000	\$500.00	\$600.000	\$3,000.00
187.3	15.000	CM	REMOVAL AND DISPOSAL OF DRAINAGE STRUCTURE SEDIMENTS	\$200.000	\$3,000.00	\$330.000	\$4,950.00
187.31	10.000	M	REMOVAL AND DISPOSAL OF DRAINAGE PIPE SEDIMENTS	\$50.000	\$500.00	\$100.000	\$1,000.00
201.	14.000	EA	CATCH BASIN	\$2,000.000	\$28,000.00	\$2,600.000	\$36,400.00
202.	10.000	EA	MANHOLE	\$2,200.000	\$22,000.00	\$3,100.000	\$31,000.00
204.	1.000	EA	GUTTER INLET	\$1,000.000	\$1,000.00	\$1,525.000	\$1,525.00
220.	8.000	EA	DRAINAGE STRUCTURE ADJUSTED	\$300.000	\$2,400.00	\$525.000	\$4,200.00

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	MCCOURT CONSTRUCTION CO INC		J.F. WHITE CONTRACTING COMPANY	
				Unit Price	Amount	Unit Price	Amount
220.2	3.000	M	DRAINAGE STRUCTURE REBUILT	\$500.000	\$1,500.00	\$550.000	\$1,650.00
220.3	4.000	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$1,000.000	\$4,000.00	\$700.000	\$2,800.00
220.5	3.000	EA	DRAINAGE STRUCTURE REMODELED	\$500.000	\$1,500.00	\$700.000	\$2,100.00
220.7	6.000	EA	SANITARY STRUCTURE ADJUSTED	\$300.000	\$1,800.00	\$550.000	\$3,300.00
220.8	1.000	EA	SANITARY STRUCTURE REMODELED	\$500.000	\$500.00	\$700.000	\$700.00
221.	11.000	EA	FRAME AND COVER	\$500.000	\$5,500.00	\$1,500.000	\$16,500.00
222.	2.000	EA	FRAME AND GRATE	\$500.000	\$1,000.00	\$1,550.000	\$3,100.00
222.1	10.000	EA	FRAME AND GRATE MHD CASCADE TYPE	\$600.000	\$6,000.00	\$1,625.000	\$16,250.00
241.030	200.000	M	300 MM REINFORCED CONCRETE PIPE	\$300.000	\$60,000.00	\$275.000	\$55,000.00
358.	5.000	EA	GATE BOX ADJUSTED	\$150.000	\$750.00	\$350.000	\$1,750.00
381.3	5.000	EA	SERVICE BOX ADJUSTED	\$100.000	\$500.00	\$350.000	\$1,750.00
402.	540.000	CM	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$65.000	\$35,100.00	\$105.000	\$56,700.00
420.	1160.000	MG	HOT MIX ASPHALT BASE COURSE	\$80.000	\$92,800.00	\$110.000	\$127,600.00
440.	10000.000	KG	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.800	\$8,000.00	\$1.200	\$12,000.00
460.	1233.000	MG	HOT MIX ASPHALT	\$80.000	\$98,640.00	\$110.000	\$135,630.00
462.	73.000	MG	HOT MIX ASPHALT DENSE BINDER COURSE FOR BRIDGES	\$80.000	\$5,840.00	\$110.000	\$8,030.00

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Item No	Quantity	Units	Description	MCCOURT CONSTRUCTION CO INC		J.F. WHITE CONTRACTING COMPANY	
				Unit Price	Amount	Unit Price	Amount
464.	2250.000	L	BITUMEN FOR TACK COAT	\$1.000	\$2,250.00	\$2.000	\$4,500.00
464.5	1600.000	M	HOT POURED RUBBERIZED ASPHALT SEALER	\$1.500	\$2,400.00	\$3.250	\$5,200.00
472.	120.000	MG	HOT MIX ASPHALT FOR MISCELLANEOUS WORK	\$200.000	\$24,000.00	\$180.000	\$21,600.00
482.3	150.000	M	SAWING ASPHALT PAVEMENT	\$10.000	\$1,500.00	\$12.000	\$1,800.00
506.	450.000	M	GRANITE CURB TYPE VB - STRAIGHT	\$80.000	\$36,000.00	\$180.000	\$81,000.00
506.1	120.000	M	GRANITE CURB TYPE VB - CURVED	\$120.000	\$14,400.00	\$245.000	\$29,400.00
509.	80.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$100.000	\$8,000.00	\$260.000	\$20,800.00
509.1	40.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	\$140.000	\$5,600.00	\$305.000	\$12,200.00
514.	9.000	EA	GRANITE CURB INLET - STRAIGHT	\$280.000	\$2,520.00	\$975.000	\$8,775.00
580.	250.000	M	CURB REMOVED AND RESET	\$50.000	\$12,500.00	\$180.000	\$45,000.00
583.	5.000	M	EDGING REMOVED AND RESET	\$50.000	\$250.00	\$170.000	\$850.00
620.1	50.000	M	STEEL W BEAM HIGHWAY GUARD (SINGLE FACED)	\$85.000	\$4,250.00	\$110.000	\$5,500.00
620.3	25.000	M	STEEL W BEAM HIGHWAY GUARD - CURVED (SINGLE FACED)	\$100.000	\$2,500.00	\$115.000	\$2,875.00
627.1	4.000	EA	STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	\$50.000	\$200.00	\$65.000	\$260.00
627.3	2.000	EA	STEEL THRIE BEAM TERMINAL SECTION (SINGLE FACED)	\$80.000	\$160.00	\$145.000	\$290.00
628.2	4.000	EA	BRIDGE RAIL TO HIGHWAY GUARD RAIL TRANSITION	\$3,000.000	\$12,000.00	\$3,500.000	\$14,000.00

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	MCCOURT CONSTRUCTION CO INC		J.F. WHITE CONTRACTING COMPANY	
				Unit Price	Amount	Unit Price	Amount
635.1	325.000	M	HIGHWAY GUARD REMOVED AND DISCARDED	\$10.000	\$3,250.00	\$11.000	\$3,575.00
657.	550.000	M	TEMPORARY FENCE	\$25.000	\$13,750.00	\$35.000	\$19,250.00
657.5	300.000	M	TEMPORARY FENCE REMOVED AND RESET	\$20.000	\$6,000.00	\$32.000	\$9,600.00
660.1	40.000	M	TEMPORARY HAND RAIL	\$150.000	\$6,000.00	\$425.000	\$17,000.00
698.3	2950.000	SM	GEOTEXTILE FABRIC FOR SEPARATION	\$4.000	\$11,800.00	\$2.000	\$5,900.00
701.	1288.000	SM	CEMENT CONCRETE SIDEWALK	\$50.000	\$64,400.00	\$65.000	\$83,720.00
701.1	152.000	SM	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	\$60.000	\$9,120.00	\$100.000	\$15,200.00
701.11	1.000	LS	HISTORIC STONE WALL AND GARDEN PRESERVATION	\$5,000.000	\$5,000.00	\$24,000.000	\$24,000.00
701.2	115.000	SM	CEMENT CONCRETE WHEELCHAIR RAMP	\$100.000	\$11,500.00	\$100.000	\$11,500.00
702.	25.000	MG	HOT MIX ASPHALT WALK SURFACE	\$200.000	\$5,000.00	\$210.000	\$5,250.00
703.	50.000	MG	HOT MIX ASPHALT DRIVEWAY	\$200.000	\$10,000.00	\$210.000	\$10,500.00
706.1	10.000	SM	BRICK WALK REMOVED AND RELAID	\$200.000	\$2,000.00	\$175.000	\$1,750.00
710.4	14.000	EA	BOUND - PLAIN GRANITE	\$200.000	\$2,800.00	\$450.000	\$6,300.00
740.	45.000	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$2,000.000	\$90,000.00	\$2,600.000	\$117,000.00
748.	1.000	LS	MOBILIZATION	\$250,000.000	\$250,000.00	\$300,000.000	\$300,000.00
751.	105.000	CM	LOAM BORROW	\$45.000	\$4,725.00	\$50.000	\$5,250.00

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Item No	Quantity	Units	Description	MCCOURT CONSTRUCTION CO INC		J.F. WHITE CONTRACTING COMPANY	
				Unit Price	Amount	Unit Price	Amount
765.	990.000	SM	SEEDING	\$2.000	\$1,980.00	\$1.700	\$1,683.00
767.6	1.000	CM	AGED PINE BARK MULCH	\$100.000	\$100.00	\$100.000	\$100.00
767.8	100.000	EA	BALES OF HAY FOR EROSION CONTROL	\$20.000	\$2,000.00	\$45.000	\$4,500.00
769.	105.000	M	PAVEMENT MILLING MULCH UNDER GUARD RAIL	\$20.000	\$2,100.00	\$35.000	\$3,675.00
773.037	33.000	EA	PINE - AUSTRIAN 1.73-2.44 METERS	\$400.000	\$13,200.00	\$320.000	\$10,560.00
774.038	5.000	EA	SPRUCE - COLORADO GREEN 1.73-2.44 METERS	\$440.000	\$2,200.00	\$320.000	\$1,600.00
775.028	3.000	EA	ELM - AMERICAN 'PRINCETON' 50-60 MM CAL.	\$680.000	\$2,040.00	\$450.000	\$1,350.00
776.841	11.000	EA	MAPLE - SUGAR - 'GREEN MOUNTAIN' 50-60 MILLIMETER CALIPER	\$500.000	\$5,500.00	\$365.000	\$4,015.00
777.036	15.000	EA	OAK - NORTHERN RED 50-60 MILLIMETER CALIPER	\$500.000	\$7,500.00	\$375.000	\$5,625.00
777.241	9.000	EA	OAK - SCARLET 50-60 MILLIMETER CALIPER	\$500.000	\$4,500.00	\$375.000	\$3,375.00
781.173	7.000	EA	HACKBERRY TREE 50-60 MILLIMETER CALIPER	\$500.000	\$3,500.00	\$375.000	\$2,625.00
781.268	7.000	EA	HAWTHORN-'WINTER KING' 1.73-2.44 M HT	\$480.000	\$3,360.00	\$365.000	\$2,555.00
782.535	6.000	EA	EASTERN REDBUD 1.73-2.44 METERS	\$320.000	\$1,920.00	\$240.000	\$1,440.00
783.509	18.000	EA	SERVICEBERRY 'AUTUMN BRILLIANCE' 40-50 MILLIMETER CALIPER	\$480.000	\$8,640.00	\$350.000	\$6,300.00
785.736	22.000	EA	INKBERRY 610-760 MILLIMETERS	\$70.000	\$1,540.00	\$60.000	\$1,320.00

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Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	MCCOURT CONSTRUCTION CO INC		J.F. WHITE CONTRACTING COMPANY	
				Unit Price	Amount	Unit Price	Amount
789.333	17.000	EA	BAYBERRY SHRUB - NORTHERN 610-900 MILLIMETERS	\$60.000	\$1,020.00	\$55.000	\$935.00
790.633	19.000	EA	DOGWOOD - REDOSIER 610-900 MILLIMETERS	\$30.000	\$570.00	\$35.000	\$665.00
791.016	9.000	EA	VIBURNUM - BLACKHAW NO. 3	\$50.000	\$450.00	\$45.000	\$405.00
791.066	23.000	EA	EASTERN NINEBARK 610-760 MILLIMETERS	\$50.000	\$1,150.00	\$45.000	\$1,035.00
792.022	6.000	EA	HYDRANGAEA-OAKLEAF NO. 2	\$60.000	\$360.00	\$40.000	\$240.00
795.013	17.000	EA	VIBURNUM - ARROWWOOD 900 MM-1.22 METERS	\$60.000	\$1,020.00	\$60.000	\$1,020.00
795.033	8.000	EA	VIBURNUM - DOUBLEFILE 900 MM-1.22 METERS	\$100.000	\$800.00	\$80.000	\$640.00
796.071	12.000	EA	VIRGINIA CREEPER NO. 1	\$15.000	\$180.00	\$20.000	\$240.00
820.151	1.000	LS	TEMPORARY LIGHTING	\$10,000.000	\$10,000.00	\$13,000.000	\$13,000.00
832.1	15.000	SM	WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	\$90.000	\$1,350.00	\$104.000	\$1,560.00
833.5	11.000	EA	DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	\$5.000	\$55.00	\$6.000	\$66.00
833.7	6.000	EA	DELINEATION FOR GUARD RAIL TERMINI	\$33.000	\$198.00	\$38.000	\$228.00
847.1	24.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$80.000	\$1,920.00	\$91.000	\$2,184.00
848.1	2.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL	\$160.000	\$320.00	\$185.000	\$370.00
850.41	3200.000	HR	ROADWAY FLAGGER	\$50.000	\$160,000.00	\$45.000	\$144,000.00
851.	400.000	UD	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS	\$200.000	\$80,000.00	\$100.000	\$40,000.00

## ADMINISTRATIVE ENGINEERING

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## BID TABS

Project No : 602543

AE ID : 48419

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	MCCOURT CONSTRUCTION CO INC		J.F. WHITE CONTRACTING COMPANY	
				Unit Price	Amount	Unit Price	Amount
852.	30.000	SM	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$200.000	\$6,000.00	\$260.000	\$7,800.00
853.	150.000	EA	PORTABLE BARRICADE TYPE III	\$1.000	\$150.00	\$127.000	\$19,050.00
853.2	200.000	M	TEMPORARY CONCRETE BARRIER	\$80.000	\$16,000.00	\$160.000	\$32,000.00
853.21	180.000	M	TEMPORARY CONCRETE BARRIER REMOVED & RESET	\$20.000	\$3,600.00	\$38.000	\$6,840.00
853.36	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE (SINGLE FACED)	\$400.000	\$72,000.00	\$400.000	\$72,000.00
853.37	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE REMOVED & RESET	\$200.000	\$36,000.00	\$265.000	\$47,700.00
853.42	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION	\$4,000.000	\$8,000.00	\$5,000.000	\$10,000.00
853.421	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION R&R	\$1,000.000	\$2,000.00	\$1,300.000	\$2,600.00
853.44	2.000	EA	TEMP.IMP.ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION	\$4,000.000	\$8,000.00	\$5,000.000	\$10,000.00
854.014	2500.000	M	TEMPORARY PAVING MARKINGS - 100 MILLIMETER (PAINTED)	\$0.100	\$250.00	\$0.400	\$1,000.00
854.034	500.000	M	TEMPORARY PAVEMENT MARKINGS - 100 MM (REMOVABLE TAPE)	\$4.000	\$2,000.00	\$3.000	\$1,500.00
854.1	160.000	SM	PAVEMENT MARKING REMOVAL - PAINT	\$5.000	\$800.00	\$10.000	\$1,600.00
859.	25000.000	DD	REFLECTORIZED DRUM	\$0.500	\$12,500.00	\$0.200	\$5,000.00
866.15	750.000	M	150 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$1.500	\$1,125.00	\$2.000	\$1,500.00
866.30	120.000	M	300 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$4.000	\$480.00	\$5.000	\$600.00
867.15	700.000	M	150 MILLIMETER REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$1.500	\$1,050.00	\$2.000	\$1,400.00



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## BID TABS

Project No : 602543 AE ID : 48419

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	MCCOURT CONSTRUCTION CO INC		J.F. WHITE CONTRACTING COMPANY	
				Unit Price	Amount	Unit Price	Amount
874.	6.000	EA	STREET NAME SIGN	\$45.000	\$270.00	\$50.000	\$300.00
874.2	5.000	EA	TRAFFIC SIGN REMOVED AND RESET	\$45.000	\$225.00	\$50.000	\$250.00
874.4	28.000	EA	TRAFFIC SIGN REMOVED AND STACKED	\$20.000	\$560.00	\$20.000	\$560.00
942.122	1500.000	M	STEEL PILE HP 310 X 94	\$270.000	\$405,000.00	\$260.000	\$390,000.00
945.103	260.000	M	DRILLED SHAFT EXCAVATION 1.22 METER DIAMETER	\$1,000.000	\$260,000.00	\$1,250.000	\$325,000.00
945.203	22.000	M	ROCK SOCKET EXCAVATION 1.22 METER DIAMETER	\$5,000.000	\$110,000.00	\$7,500.000	\$165,000.00
945.503	260.000	M	DRILLED SHAFT 1.22 METER DIAMETER	\$2,000.000	\$520,000.00	\$1,650.000	\$429,000.00
945.71	1115.000	M	CROSS HOLE SONIC TESTING ACCESS PIPES	\$20.000	\$22,300.00	\$22.000	\$24,530.00
945.72	14.000	EA	CROSS HOLE SONIC TEST	\$1,000.000	\$14,000.00	\$1,000.000	\$14,000.00
948.5	70.000	EA	PILE SHOES	\$200.000	\$14,000.00	\$135.000	\$9,450.00
949.	315.000	M	PREDRILLING FOR PILES	\$400.000	\$126,000.00	\$245.000	\$77,175.00
950.3	1.000	LS	TEMPORARY STEEL SHEETING	\$100,000.000	\$100,000.00	\$320,000.000	\$320,000.00
987.3	320.000	SM	SPECIAL SLOPE PAVING UNDER BRIDGE - CEMENT CONCRETE	\$200.000	\$64,000.00	\$115.000	\$36,800.00
993.21	1.000	LS	TEMPORARY PEDESTRIAN BRIDGE	\$350,000.000	\$350,000.00	\$675,000.000	\$675,000.00
994.01	1.000	LS	TEMPORARY PROTECTIVE SHIELDING BRIDGE NO. I-01-007	\$20,000.000	\$20,000.00	\$70,000.000	\$70,000.00

## ADMINISTRATIVE ENGINEERING

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AE ID : 48419

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Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	MCCOURT CONSTRUCTION CO INC		J.F. WHITE CONTRACTING COMPANY	
				Unit Price	Amount	Unit Price	Amount
995.01	1.000	LS	BRIDGE STRUCTURE, BRIDGE NO. I-01-007	\$3,850,000.000	\$3,850,000.00	\$3,985,000.000	\$3,985,000.00
				Total :	\$8,989,653.00	Total :	\$9,959,375.00

## ADMINISTRATIVE ENGINEERING

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

NEL CORPORATION						
Item No	Quantity	Units	Description	Unit Price	Amount	Unit Price
100.01	1.000	LS	SCHEDULE OF OPERATIONS-FIXED PRICE \$100,000.00	\$100,000.000	\$100,000.00	Amount
100.9	1.000	LS	PRE-CONSTN SURVEY & VIBRATION MONITORING OF HISTORIC HOUSES	\$164,000.000	\$164,000.00	
102.51	62.000	EA	INDIVIDUAL TREE PROTECTION	\$169.000	\$10,478.00	
103.	23.000	EA	TREE REMOVED - DIAMETER UNDER 600 MILLIMETERS	\$700.000	\$16,100.00	
104.	1.000	EA	TREE REMOVED - DIAMETER 600 MILLIMETERS AND OVER	\$1,118.000	\$1,118.00	
112.01	1.000	LS	DEMOLITION OF BUILDING OR STRUCTURE NO. 1	\$8,000.000	\$8,000.00	
114.1	1.000	LS	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE NO. I-01-007	\$434,000.000	\$434,000.00	
120.1	4200.000	CM	UNCLASSIFIED EXCAVATION	\$29.000	\$121,800.00	
127.1	240.000	CM	REINFORCED CONCRETE EXCAVATION	\$355.000	\$85,200.00	
140.	1555.000	CM	BRIDGE EXCAVATION	\$38.000	\$59,090.00	
141.1	50.000	CM	TEST PIT FOR EXPLORATION	\$115.000	\$5,750.00	
142.	50.000	CM	CLASS B TRENCH EXCAVATION	\$10.000	\$500.00	
144.	166.000	CM	CLASS B ROCK EXCAVATION	\$139.000	\$23,074.00	
145.	1.000	EA	DRAINAGE STRUCTURE ABANDONED	\$100.000	\$100.00	
151.	1850.000	CM	GRAVEL BORROW	\$15.000	\$27,750.00	
153.2	4753.000	CM	LIGHTWEIGHT AGGREGATE FILL	\$115.000	\$546,595.00	

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Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

NEL CORPORATION						
Item No	Quantity	Units	Description	Unit Price	Amount	Unit Price
156.	170.000	MG	CRUSHED STONE	\$19.000	\$3,230.00	Amount
170.	7000.000	SM	FINE GRADING AND COMPACTING	\$5.000	\$35,000.00	
180.1	1.000	LS	HEALTH AND SAFETY PLAN	\$15,500.000	\$15,500.00	
180.2	24.000	HR	IMPLEMENTATION OF HEALTH AND SAFETY PLAN	\$1.000	\$24.00	
180.3	72.000	HR	PERSONNEL PROTECTION LEVEL C UPGRADE	\$1.000	\$72.00	
180.4	40.000	CM	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS	\$100.000	\$4,000.00	
180.5	24.000	HR	LICENSED SITE PROFESSIONAL (LSP) SERVICES	\$1.000	\$24.00	
180.6	4.000	EA	MISCELLANEOUS SOIL TESTING	\$1.000	\$4.00	
181.1	30.000	MG	DISPOSAL OF CONTAMINATED SOIL	\$50.000	\$1,500.00	
184.1	5.000	MG	DISPOSAL OF TREATED WOOD PRODUCTS	\$339.000	\$1,695.00	
187.3	15.000	CM	REMOVAL AND DISPOSAL OF DRAINAGE STRUCTURE SEDIMENTS	\$249.000	\$3,735.00	
187.31	10.000	M	REMOVAL AND DISPOSAL OF DRAINAGE PIPE SEDIMENTS	\$70.000	\$700.00	
201.	14.000	EA	CATCH BASIN	\$2,292.000	\$32,088.00	
202.	10.000	EA	MANHOLE	\$2,770.000	\$27,700.00	
204.	1.000	EA	GUTTER INLET	\$1,778.000	\$1,778.00	
220.	8.000	EA	DRAINAGE STRUCTURE ADJUSTED	\$178.000	\$1,424.00	

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Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

NEL CORPORATION						
Item No	Quantity	Units	Description	Unit Price	Amount	Unit Price
220.2	3.000	M	DRAINAGE STRUCTURE REBUILT	\$533.000	\$1,599.00	Amount
220.3	4.000	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$700.000	\$2,800.00	
220.5	3.000	EA	DRAINAGE STRUCTURE REMODELED	\$559.000	\$1,677.00	
220.7	6.000	EA	SANITARY STRUCTURE ADJUSTED	\$178.000	\$1,068.00	
220.8	1.000	EA	SANITARY STRUCTURE REMODELED	\$669.000	\$669.00	
221.	11.000	EA	FRAME AND COVER	\$478.000	\$5,258.00	
222.	2.000	EA	FRAME AND GRATE	\$479.000	\$958.00	
222.1	10.000	EA	FRAME AND GRATE MHD CASCADE TYPE	\$533.000	\$5,330.00	
241.030	200.000	M	300 MM REINFORCED CONCRETE PIPE	\$172.000	\$34,400.00	
358.	5.000	EA	GATE BOX ADJUSTED	\$115.000	\$575.00	
381.3	5.000	EA	SERVICE BOX ADJUSTED	\$89.000	\$445.00	
402.	540.000	CM	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$77.000	\$41,580.00	
420.	1160.000	MG	HOT MIX ASPHALT BASE COURSE	\$96.000	\$111,360.00	
440.	10000.000	KG	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.780	\$7,800.00	
460.	1233.000	MG	HOT MIX ASPHALT	\$96.000	\$118,368.00	
462.	73.000	MG	HOT MIX ASPHALT DENSE BINDER COURSE FOR BRIDGES	\$96.000	\$7,008.00	

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Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

NEL CORPORATION						
Item No	Quantity	Units	Description	Unit Price	Amount	Amount
464.	2250.000	L	BITUMEN FOR TACK COAT	\$1.600	\$3,600.00	
464.5	1600.000	M	HOT POURED RUBBERIZED ASPHALT SEALER	\$2.500	\$4,000.00	
472.	120.000	MG	HOT MIX ASPHALT FOR MISCELLANEOUS WORK	\$200.000	\$24,000.00	
482.3	150.000	M	SAWING ASPHALT PAVEMENT	\$3.000	\$450.00	
506.	450.000	M	GRANITE CURB TYPE VB - STRAIGHT	\$89.100	\$40,095.00	
506.1	120.000	M	GRANITE CURB TYPE VB - CURVED	\$105.600	\$12,672.00	
509.	80.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$105.600	\$8,448.00	
509.1	40.000	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	\$122.100	\$4,884.00	
514.	9.000	EA	GRANITE CURB INLET - STRAIGHT	\$239.000	\$2,151.00	
580.	250.000	M	CURB REMOVED AND RESET	\$46.200	\$11,550.00	
583.	5.000	M	EDGING REMOVED AND RESET	\$46.200	\$231.00	
620.1	50.000	M	STEEL W BEAM HIGHWAY GUARD (SINGLE FACED)	\$65.000	\$3,250.00	
620.3	25.000	M	STEEL W BEAM HIGHWAY GUARD - CURVED (SINGLE FACED)	\$77.000	\$1,925.00	
627.1	4.000	EA	STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	\$60.000	\$240.00	
627.3	2.000	EA	STEEL THRIE BEAM TERMINAL SECTION (SINGLE FACED)	\$100.000	\$200.00	
628.2	4.000	EA	BRIDGE RAIL TO HIGHWAY GUARD RAIL TRANSITION	\$2,540.000	\$10,160.00	

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NEL CORPORATION						
Item No	Quantity	Units	Description	Unit Price	Amount	Unit Price
635.1	325.000	M	HIGHWAY GUARD REMOVED AND DISCARDED	\$6.000	\$1,950.00	Amount
657.	550.000	M	TEMPORARY FENCE	\$27.000	\$14,850.00	
657.5	300.000	M	TEMPORARY FENCE REMOVED AND RESET	\$15.000	\$4,500.00	
660.1	40.000	M	TEMPORARY HAND RAIL	\$240.000	\$9,600.00	
698.3	2950.000	SM	GEOTEXTILE FABRIC FOR SEPARATION	\$5.500	\$16,225.00	
701.	1288.000	SM	CEMENT CONCRETE SIDEWALK	\$37.000	\$47,656.00	
701.1	152.000	SM	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	\$49.000	\$7,448.00	
701.11	1.000	LS	HISTORIC STONE WALL AND GARDEN PRESERVATION	\$15,200.000	\$15,200.00	
701.2	115.000	SM	CEMENT CONCRETE WHEELCHAIR RAMP	\$72.000	\$8,280.00	
702.	25.000	MG	HOT MIX ASPHALT WALK SURFACE	\$150.000	\$3,750.00	
703.	50.000	MG	HOT MIX ASPHALT DRIVEWAY	\$150.000	\$7,500.00	
706.1	10.000	SM	BRICK WALK REMOVED AND RELAID	\$325.000	\$3,250.00	
710.4	14.000	EA	BOUND - PLAIN GRANITE	\$239.000	\$3,346.00	
740.	45.000	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$750.000	\$33,750.00	
748.	1.000	LS	MOBILIZATION	\$227,000.000	\$227,000.00	
751.	105.000	CM	LOAM BORROW	\$55.000	\$5,775.00	

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NEL CORPORATION						
Item No	Quantity	Units	Description	Unit Price	Amount	Unit Price
765.	990.000	SM	SEEDING	\$2.000	\$1,980.00	Amount
767.6	1.000	CM	AGED PINE BARK MULCH	\$150.000	\$150.00	
767.8	100.000	EA	BALES OF HAY FOR EROSION CONTROL	\$9.000	\$900.00	
769.	105.000	M	PAVEMENT MILLING MULCH UNDER GUARD RAIL	\$19.000	\$1,995.00	
773.037	33.000	EA	PINE - AUSTRIAN 1.73-2.44 METERS	\$432.000	\$14,256.00	
774.038	5.000	EA	SPRUCE - COLORADO GREEN 1.73-2.44 METERS	\$460.000	\$2,300.00	
775.028	3.000	EA	ELM - AMERICAN 'PRINCETON' 50-60 MM CAL.	\$704.000	\$2,112.00	
776.841	11.000	EA	MAPLE - SUGAR - 'GREEN MOUNTAIN' 50-60 MILLIMETER CALIPER	\$520.000	\$5,720.00	
777.036	15.000	EA	OAK - NORTHERN RED 50-60 MILLIMETER CALIPER	\$520.000	\$7,800.00	
777.241	9.000	EA	OAK - SCARLET 50-60 MILLIMETER CALIPER	\$520.000	\$4,680.00	
781.173	7.000	EA	HACKBERRY TREE 50-60 MILLIMETER CALIPER	\$520.000	\$3,640.00	
781.268	7.000	EA	HAWTHORN-'WINTER KING' 1.73-2.44 M HT	\$500.000	\$3,500.00	
782.535	6.000	EA	EASTERN REDBUD 1.73-2.44 METERS	\$345.000	\$2,070.00	
783.509	18.000	EA	SERVICEBERRY 'AUTUMN BRILLIANCE' 40-50 MILLIMETER CALIPER	\$490.000	\$8,820.00	
785.736	22.000	EA	INKBERRY 610-760 MILLIMETERS	\$80.000	\$1,760.00	



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NEL CORPORATION						
Item No	Quantity	Units	Description	Unit Price	Amount	Unit Price
789.333	17.000	EA	BAYBERRY SHRUB - NORTHERN 610-900 MILLIMETERS	\$70.000	\$1,190.00	Amount
790.633	19.000	EA	DOGWOOD - REDOSIER 610-900 MILLIMETERS	\$40.000	\$760.00	
791.016	9.000	EA	VIBURNUM - BLACKHAW NO. 3	\$52.000	\$468.00	
791.066	23.000	EA	EASTERN NINEBARK 610-760 MILLIMETERS	\$58.000	\$1,334.00	
792.022	6.000	EA	HYDRANGEA-OAKLEAF NO. 2	\$64.000	\$384.00	
795.013	17.000	EA	VIBURNUM - ARROWWOOD 900 MM-1.22 METERS	\$70.000	\$1,190.00	
795.033	8.000	EA	VIBURNUM - DOUBLEFILE 900 MM-1.22 METERS	\$115.000	\$920.00	
796.071	12.000	EA	VIRGINIA CREEPER NO. 1	\$20.000	\$240.00	
820.151	1.000	LS	TEMPORARY LIGHTING	\$60,000.000	\$60,000.00	
832.1	15.000	SM	WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	\$100.000	\$1,500.00	
833.5	11.000	EA	DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	\$10.000	\$110.00	
833.7	6.000	EA	DELINEATION FOR GUARD RAIL TERMINI	\$100.000	\$600.00	
847.1	24.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$100.000	\$2,400.00	
848.1	2.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL	\$200.000	\$400.00	
850.41	3200.000	HR	ROADWAY FLAGGER	\$85.000	\$272,000.00	
851.	400.000	UD	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS	\$2,740.000	\$1,096,000.00	

## ADMINISTRATIVE ENGINEERING

Date: 12/16/2009 03:42 PM

## BID TABS

Project No : 602543

AE ID : 48419

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

NEL CORPORATION						
Item No	Quantity	Units	Description	Unit Price	Amount	
852.	30.000	SM	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$162.000	\$4,860.00	Unit Price Amount
853.	150.000	EA	PORTABLE BARRICADE TYPE III	\$10.000	\$1,500.00	
853.2	200.000	M	TEMPORARY CONCRETE BARRIER	\$400.000	\$80,000.00	
853.21	180.000	M	TEMPORARY CONCRETE BARRIER REMOVED & RESET	\$300.000	\$54,000.00	
853.36	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE (SINGLE FACED)	\$1.000	\$180.00	
853.37	180.000	M	TEMPORARY CONCRETE BARRIER ON BRIDGE REMOVED & RESET	\$1.000	\$180.00	
853.42	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION	\$5,000.000	\$10,000.00	
853.421	2.000	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION R&R	\$1,200.000	\$2,400.00	
853.44	2.000	EA	TEMP.IMP.ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION	\$5,000.000	\$10,000.00	
854.014	2500.000	M	TEMPORARY PAVING MARKINGS - 100 MILLIMETER (PAINTED)	\$0.330	\$825.00	
854.034	500.000	M	TEMPORARY PAVEMENT MARKINGS - 100 MM (REMOVABLE TAPE)	\$4.920	\$2,460.00	
854.1	160.000	SM	PAVEMENT MARKING REMOVAL - PAINT	\$8.000	\$1,280.00	
859.	25000.000	DD	REFLECTORIZED DRUM	\$0.200	\$5,000.00	
866.15	750.000	M	150 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$1.640	\$1,230.00	
866.30	120.000	M	300 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$4.100	\$492.00	
867.15	700.000	M	150 MILLIMETER REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$1.640	\$1,148.00	

## ADMINISTRATIVE ENGINEERING

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## BID TABS

Project No : 602543

AE ID : 48419

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

NEL CORPORATION						
Item No	Quantity	Units	Description	Unit Price	Amount	Unit Price
874.	6.000	EA	STREET NAME SIGN	\$100.000	\$600.00	Amount
874.2	5.000	EA	TRAFFIC SIGN REMOVED AND RESET	\$100.000	\$500.00	
874.4	28.000	EA	TRAFFIC SIGN REMOVED AND STACKED	\$50.000	\$1,400.00	
942.122	1500.000	M	STEEL PILE HP 310 X 94	\$136.200	\$204,300.00	
945.103	260.000	M	DRILLED SHAFT EXCAVATION 1.22 METER DIAMETER	\$1,812.000	\$471,120.00	
945.203	22.000	M	ROCK SOCKET EXCAVATION 1.22 METER DIAMETER	\$7,418.000	\$163,196.00	
945.503	260.000	M	DRILLED SHAFT 1.22 METER DIAMETER	\$1,374.000	\$357,240.00	
945.71	1115.000	M	CROSS HOLE SONIC TESTING ACCESS PIPES	\$36.000	\$40,140.00	
945.72	14.000	EA	CROSS HOLE SONIC TEST	\$1,150.000	\$16,100.00	
948.5	70.000	EA	PILE SHOES	\$138.000	\$9,660.00	
949.	315.000	M	PREDRILLING FOR PILES	\$450.000	\$141,750.00	
950.3	1.000	LS	TEMPORARY STEEL SHEETING	\$400,000.000	\$400,000.00	
987.3	320.000	SM	SPECIAL SLOPE PAVING UNDER BRIDGE - CEMENT CONCRETE	\$96.000	\$30,720.00	
993.21	1.000	LS	TEMPORARY PEDESTRIAN BRIDGE	\$355,000.000	\$355,000.00	
994.01	1.000	LS	TEMPORARY PROTECTIVE SHIELDING BRIDGE NO. I-01-007	\$500.000	\$500.00	

## ADMINISTRATIVE ENGINEERING

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## BID TABS

Project No : 602543

AE ID : 48419

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &  
B&M RAILROAD (ABP)

NEL CORPORATION							
Item No	Quantity	Units	Description	Unit Price	Amount	Unit Price	Amount
995.01	1.000	LS	BRIDGE STRUCTURE, BRIDGE NO. I-01-007	\$4,414,000.000	\$4,414,000.00		
				Total :	\$10,893,820.00		

## ADMINISTRATIVE ENGINEERING

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## BID AVERAGE REPORT

Project No : 602543

AE ID : 48419

IBM File Number:

Bids Open Date : 15 Dec 2009

Location : IPSWICH

Description : BRIDGE REPLACEMENT, I-01-007, (STEEL) ROUTE 1A (HIGH STREET) OVER THE MBTA &amp; B&amp;M RAILROAD (ABP)

Item No	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 5
100.01	1	LS	SCHEDULE OF OPERATIONS-FIXED PRICE \$100,000.00	\$100,000.000	\$100,000.00	\$100,000.00
100.9	1	LS	PRE-CONSTN SURVEY & VIBRATION MONITORING OF HISTORIC HOUSES	\$10,000.000	\$10,000.00	\$20,750.00
102.51	62	EA	INDIVIDUAL TREE PROTECTION	\$225.000	\$50.00	\$188.75
103.	23	EA	TREE REMOVED - DIAMETER UNDER 600 MILLIMETERS	\$800.000	\$200.00	\$751.25
104.	1	EA	TREE REMOVED - DIAMETER 600 MILLIMETERS AND OVER	\$1,500.000	\$700.00	\$1,725.00
112.01	1	LS	DEMOLITION OF BUILDING OR STRUCTURE NO. 1	\$10,000.000	\$100.00	\$14,875.00
114.1	1	LS	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE NO. I-01-007	\$609,320.000	\$500,000.00	\$381,250.00
120.1	4,200	CM	UNCLASSIFIED EXCAVATION	\$35.000	\$25.00	\$24.63
127.1	240	CM	REINFORCED CONCRETE EXCAVATION	\$500.000	\$350.00	\$420.75
140.	1,555	CM	BRIDGE EXCAVATION	\$40.000	\$25.00	\$37.75
141.1	50	CM	TEST PIT FOR EXPLORATION	\$90.000	\$50.00	\$56.00
142.	50	CM	CLASS B TRENCH EXCAVATION	\$30.000	\$30.00	\$32.00
144.	166	CM	CLASS B ROCK EXCAVATION	\$150.000	\$1.00	\$71.50
145.	1	EA	DRAINAGE STRUCTURE ABANDONED	\$450.000	\$20.00	\$655.00
151.	1,850	CM	GRAVEL BORROW	\$40.000	\$40.00	\$40.75
153.2	4,753	CM	LIGHTWEIGHT AGGREGATE FILL	\$75.000	\$90.00	\$82.00

## ADMINISTRATIVE ENGINEERING

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## BID AVERAGE REPORT

Project No : 602543  
 Location : IPSWICH

AE ID : 48419 IBM File Number: Bids Open Date : 15 Dec 2009  
 Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &  
 B&M RAILROAD (ABP)

Item No	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 5
156.	170	MG	CRUSHED STONE	\$42.000	\$40.00	\$40.00
170.	7,000	SM	FINE GRADING AND COMPACTING	\$4.000	\$4.00	\$2.50
180.1	1	LS	HEALTH AND SAFETY PLAN	\$5,000.000	\$2,000.00	\$4,250.00
180.2	24	HR	IMPLEMENTATION OF HEALTH AND SAFETY PLAN	\$84.000	\$100.00	\$66.25
180.3	72	HR	PERSONNEL PROTECTION LEVEL C UPGRADE	\$12.000	\$50.00	\$7.50
180.4	40	CM	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS	\$57.000	\$100.00	\$45.00
180.5	24	HR	LICENSED SITE PROFESSIONAL (LSP) SERVICES	\$70.000	\$70.00	\$92.50
180.6	4	EA	MISCELLANEOUS SOIL TESTING	\$1,000.000	\$500.00	\$2,137.50
181.1	30	MG	DISPOSAL OF CONTAMINATED SOIL	\$75.000	\$100.00	\$103.75
184.1	5	MG	DISPOSAL OF TREATED WOOD PRODUCTS	\$250.000	\$50.00	\$280.00
187.3	15	CM	REMOVAL AND DISPOSAL OF DRAINAGE STRUCTURE SEDIMENTS	\$250.000	\$140.00	\$251.25
187.31	10	M	REMOVAL AND DISPOSAL OF DRAINAGE PIPE SEDIMENTS	\$35.000	\$60.00	\$173.75
201.	14	EA	CATCH BASIN	\$2,600.000	\$1,800.00	\$1,950.00
202.	10	EA	MANHOLE	\$2,700.000	\$1,800.00	\$2,175.00
204.	1	EA	GUTTER INLET	\$1,500.000	\$900.00	\$1,575.00
220.	8	EA	DRAINAGE STRUCTURE ADJUSTED	\$300.000	\$200.00	\$447.50

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 Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &  
 B&M RAILROAD (ABP)

Item No	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 5
220.2	3	M	DRAINAGE STRUCTURE REBUILT	\$800.000	\$200.00	\$850.00
220.3	4	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$700.000	\$500.00	\$700.00
220.5	3	EA	DRAINAGE STRUCTURE REMODELED	\$650.000	\$300.00	\$670.00
220.7	6	EA	SANITARY STRUCTURE ADJUSTED	\$400.000	\$200.00	\$446.25
220.8	1	EA	SANITARY STRUCTURE REMODELED	\$650.000	\$800.00	\$687.50
221.	11	EA	FRAME AND COVER	\$650.000	\$500.00	\$596.25
222.	2	EA	FRAME AND GRATE	\$700.000	\$550.00	\$687.50
222.1	10	EA	FRAME AND GRATE MHD CASCADE TYPE	\$750.000	\$620.00	\$742.50
241.030	200	M	300 MM REINFORCED CONCRETE PIPE	\$200.000	\$150.00	\$178.75
358.	5	EA	GATE BOX ADJUSTED	\$150.000	\$100.00	\$141.25
381.3	5	EA	SERVICE BOX ADJUSTED	\$120.000	\$100.00	\$140.00
402.	540	CM	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$75.000	\$80.00	\$69.00
420.	1,160	MG	HOT MIX ASPHALT BASE COURSE	\$120.000	\$75.00	\$86.50
440.	10,000	KG	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$1.000	\$0.01	\$0.33
460.	1,233	MG	HOT MIX ASPHALT	\$120.000	\$75.00	\$85.50
462.	73	MG	HOT MIX ASPHALT DENSE BINDER COURSE FOR BRIDGES	\$150.000	\$75.00	\$105.50

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AE ID : 48419 IBM File Number: Bids Open Date : 15 Dec 2009  
 Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &  
 B&M RAILROAD (ABP)

Item No	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 5
464.	2,250	L	BITUMEN FOR TACK COAT	\$2.500	\$1.00	\$1.25
464.5	1,600	M	HOT POURED RUBBERIZED ASPHALT SEALER	\$4.000	\$2.00	\$2.20
472.	120	MG	HOT MIX ASPHALT FOR MISCELLANEOUS WORK	\$200.000	\$150.00	\$155.00
482.3	150	M	SAWING ASPHALT PAVEMENT	\$9.000	\$10.00	\$9.00
506.	450	M	GRANITE CURB TYPE VB - STRAIGHT	\$110.000	\$80.00	\$86.50
506.1	120	M	GRANITE CURB TYPE VB - CURVED	\$130.000	\$90.00	\$108.75
509.	80	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$130.000	\$100.00	\$109.50
509.1	40	M	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	\$150.000	\$120.00	\$136.75
514.	9	EA	GRANITE CURB INLET - STRAIGHT	\$325.000	\$200.00	\$266.25
580.	250	M	CURB REMOVED AND RESET	\$75.000	\$70.00	\$73.00
583.	5	M	EDGING REMOVED AND RESET	\$60.000	\$60.00	\$96.25
620.1	50	M	STEEL W BEAM HIGHWAY GUARD (SINGLE FACED)	\$90.000	\$80.00	\$82.25
620.3	25	M	STEEL W BEAM HIGHWAY GUARD - CURVED (SINGLE FACED)	\$100.000	\$85.00	\$87.00
627.1	4	EA	STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	\$75.000	\$45.00	\$50.25
627.3	2	EA	STEEL THRIE BEAM TERMINAL SECTION (SINGLE FACED)	\$75.000	\$100.00	\$83.75
628.2	4	EA	BRIDGE RAIL TO HIGHWAY GUARD RAIL TRANSITION	\$2,800.000	\$2,500.00	\$2,775.00



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 Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &  
 B&M RAILROAD (ABP)

Item No	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 5
635.1	325	M	HIGHWAY GUARD REMOVED AND DISCARDED	\$12.000	\$8.00	\$6.13
657.	550	M	TEMPORARY FENCE	\$45.000	\$25.00	\$26.75
657.5	300	M	TEMPORARY FENCE REMOVED AND RESET	\$35.000	\$8.00	\$24.00
660.1	40	M	TEMPORARY HAND RAIL	\$800.000	\$40.00	\$202.50
698.3	2,950	SM	GEOTEXTILE FABRIC FOR SEPARATION	\$6.000	\$2.00	\$4.75
701.	1,288	SM	CEMENT CONCRETE SIDEWALK	\$65.000	\$35.00	\$61.50
701.1	152	SM	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	\$70.000	\$40.00	\$71.75
701.11	1	LS	HISTORIC STONE WALL AND GARDEN PRESERVATION	\$5,000.000	\$5,000.00	\$10,500.00
701.2	115	SM	CEMENT CONCRETE WHEELCHAIR RAMP	\$100.000	\$60.00	\$107.00
702.	25	MG	HOT MIX ASPHALT WALK SURFACE	\$200.000	\$130.00	\$136.25
703.	50	MG	HOT MIX ASPHALT DRIVEWAY	\$180.000	\$130.00	\$136.25
706.1	10	SM	BRICK WALK REMOVED AND RELAID	\$350.000	\$100.00	\$280.00
710.4	14	EA	BOUND - PLAIN GRANITE	\$400.000	\$100.00	\$475.00
740.	45	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,000.000	\$900.00	\$1,731.25
748.	1	LS	MOBILIZATION	\$143,390.000	\$230,000.00	\$227,500.00
751.	105	CM	LOAM BORROW	\$55.000	\$60.00	\$51.00

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 Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &  
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Item No	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 5
765.	990	SM	SEEDING	\$2.000	\$3.00	\$1.46
767.6	1	CM	AGED PINE BARK MULCH	\$60.000	\$120.00	\$52.28
767.8	100	EA	BALES OF HAY FOR EROSION CONTROL	\$14.000	\$8.00	\$11.25
769.	105	M	PAVEMENT MILLING MULCH UNDER GUARD RAIL	\$28.000	\$4.00	\$35.00
773.037	33	EA	PINE - AUSTRIAN 1.73-2.44 METERS	\$350.000	\$250.00	\$301.25
774.038	5	EA	SPRUCE - COLORADO GREEN 1.73-2.44 METERS	\$375.000	\$250.00	\$320.00
775.028	3	EA	ELM - AMERICAN 'PRINCETON' 50-60 MM CAL.	\$500.000	\$350.00	\$420.00
776.841	11	EA	MAPLE - SUGAR - 'GREEN MOUNTAIN' 50-60 MILLIMETER CALIPER	\$500.000	\$250.00	\$358.75
777.036	15	EA	OAK - NORTHERN RED 50-60 MILLIMETER CALIPER	\$500.000	\$275.00	\$386.25
777.241	9	EA	OAK - SCARLET 50-60 MILLIMETER CALIPER	\$500.000	\$275.00	\$386.25
781.173	7	EA	HACKBERRY TREE 50-60 MILLIMETER CALIPER	\$400.000	\$320.00	\$386.25
781.268	7	EA	HAWTHORN-'WINTER KING' 1.73-2.44 M HT	\$400.000	\$140.00	\$303.75
782.535	6	EA	EASTERN REDBUD 1.73-2.44 METERS	\$400.000	\$200.00	\$208.75
783.509	18	EA	SERVICEBERRY 'AUTUMN BRILLIANCE' 40-50 MILLIMETER CALIPER	\$350.000	\$375.00	\$336.25
785.736	22	EA	INKBERRY 610-760 MILLIMETERS	\$50.000	\$50.00	\$53.25
789.333	17	EA	BAYBERRY SHRUB - NORTHERN 610-900 MILLIMETERS	\$50.000	\$40.00	\$50.75

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 Bids Open Date : 15 Dec 2009

Item No	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 5
790.633	19	EA	DOGWOOD - REDOSIER 610-900 MILLIMETERS	\$50.000	\$35.00	\$31.50
791.016	9	EA	VIBURNUM - BLACKHAW NO. 3	\$50.000	\$35.00	\$40.75
791.066	23	EA	EASTERN NINEBARK 610-760 MILLIMETERS	\$40.000	\$40.00	\$43.25
792.022	6	EA	HYDRANGEA-OAKLEAF NO. 2	\$50.000	\$35.00	\$37.75
795.013	17	EA	VIBURNUM - ARROWWOOD 900 MM-1.22 METERS	\$50.000	\$60.00	\$58.00
795.033	8	EA	VIBURNUM - DOUBLEFILE 900 MM-1.22 METERS	\$60.000	\$90.00	\$72.50
796.071	12	EA	VIRGINIA CREEPER NO. 1	\$25.000	\$25.00	\$17.75
820.151	1	LS	TEMPORARY LIGHTING	\$40,000.000	\$12,000.00	\$53,750.00
832.1	15	SM	WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	\$110.000	\$95.00	\$96.75
833.5	11	EA	DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	\$7.000	\$5.00	\$5.13
833.7	6	EA	DELINEATION FOR GUARD RAIL TERMINI	\$35.000	\$30.00	\$64.50
847.1	24	EA	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$100.000	\$75.00	\$81.75
848.1	2	EA	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL	\$200.000	\$150.00	\$166.25
850.41	3,200	HR	ROADWAY FLAGGER	\$45.000	\$43.00	\$33.50
851.	400	UD	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS	\$180.000	\$20.00	\$90.50
852.	30	SM	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$180.000	\$250.00	\$119.50

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 Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA &  
 B&M RAILROAD (ABP)

Item No	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 5
853.	150	EA	PORTABLE BARRICADE TYPE III	\$8.000	\$0.01	\$31.50
853.2	200	M	TEMPORARY CONCRETE BARRIER	\$185.000	\$100.00	\$122.50
853.21	180	M	TEMPORARY CONCRETE BARRIER REMOVED & RESET	\$35.000	\$40.00	\$29.75
853.36	180	M	TEMPORARY CONCRETE BARRIER ON BRIDGE (SINGLE FACED)	\$400.000	\$330.00	\$245.00
853.37	180	M	TEMPORARY CONCRETE BARRIER ON BRIDGE REMOVED & RESET	\$125.000	\$100.00	\$82.50
853.42	2	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION	\$6,500.000	\$4,500.00	\$4,725.00
853.421	2	EA	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION R&R	\$1,500.000	\$1,000.00	\$1,275.00
853.44	2	EA	TEMP.IMP.ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION	\$4,000.000	\$4,000.00	\$4,850.00
854.014	2,500	M	TEMPORARY PAVING MARKINGS - 100 MILLIMETER (PAINTED)	\$1.000	\$0.40	\$0.69
854.034	500	M	TEMPORARY PAVEMENT MARKINGS - 100 MM (REMOVABLE TAPE)	\$2.000	\$2.00	\$5.83
854.1	160	SM	PAVEMENT MARKING REMOVAL - PAINT	\$1.000	\$6.00	\$9.13
859.	25,000	DD	REFLECTORIZED DRUM	\$0.500	\$0.01	\$0.26
866.15	750	M	150 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$3.000	\$1.00	\$2.16
866.30	120	M	300 MILLIMETER REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$5.000	\$4.00	\$5.79
867.15	700	M	150 MILLIMETER REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$3.000	\$1.00	\$2.18
874.	6	EA	STREET NAME SIGN	\$80.000	\$50.00	\$52.75

## ADMINISTRATIVE ENGINEERING

Date: 12/16/2009 03:42 PM

## BID AVERAGE REPORT

Project No : 602543  
 Location : IPSWICH

AE ID : 48419 IBM File Number:  
 Description : BRIDGE REPLACEMENT, I-01-007,(STEEL)ROUTE 1A (HIGH STREET) OVER THE MBTA & B&M RAILROAD (ABP) Bids Open Date : 15 Dec 2009

Item No	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 5
874.2	5	EA	TRAFFIC SIGN REMOVED AND RESET	\$100.000	\$50.00	\$60.00
874.4	28	EA	TRAFFIC SIGN REMOVED AND STACKED	\$25.000	\$20.00	\$18.25
942.122	1,500	M	STEEL PILE HP 310 X 94	\$400.000	\$230.00	\$226.25
945.103	260	M	DRILLED SHAFT EXCAVATION 1.22 METER DIAMETER	\$2,250.000	\$850.00	\$1,000.00
945.203	22	M	ROCK SOCKET EXCAVATION 1.22 METER DIAMETER	\$5,000.000	\$7,000.00	\$9,250.00
945.503	260	M	DRILLED SHAFT 1.22 METER DIAMETER	\$2,000.000	\$1,000.00	\$1,637.50
945.71	1,115	M	CROSS HOLE SONIC TESTING ACCESS PIPES	\$20.000	\$30.00	\$23.50
945.72	14	EA	CROSS HOLE SONIC TEST	\$850.000	\$600.00	\$995.00
948.5	70	EA	PILE SHOES	\$148.500	\$100.00	\$136.25
949.	315	M	PREDRILLING FOR PILES	\$500.000	\$20.00	\$166.50
950.3	1	LS	TEMPORARY STEEL SHEETING	\$70,000.000	\$60,000.00	\$231,250.00
987.3	320	SM	SPECIAL SLOPE PAVING UNDER BRIDGE - CEMENT CONCRETE	\$160.000	\$120.00	\$112.50
993.21	1	LS	TEMPORARY PEDESTRIAN BRIDGE	\$205,625.000	\$250,000.00	\$287,500.00
994.01	1	LS	TEMPORARY PROTECTIVE SHIELDING BRIDGE NO. I-01-007	\$25,000.000	\$10,000.00	\$161,250.00
995.01	1	LS	BRIDGE STRUCTURE, BRIDGE NO. I-01-007	\$2,614,785.000	\$3,818,300.00	\$3,744,000.00